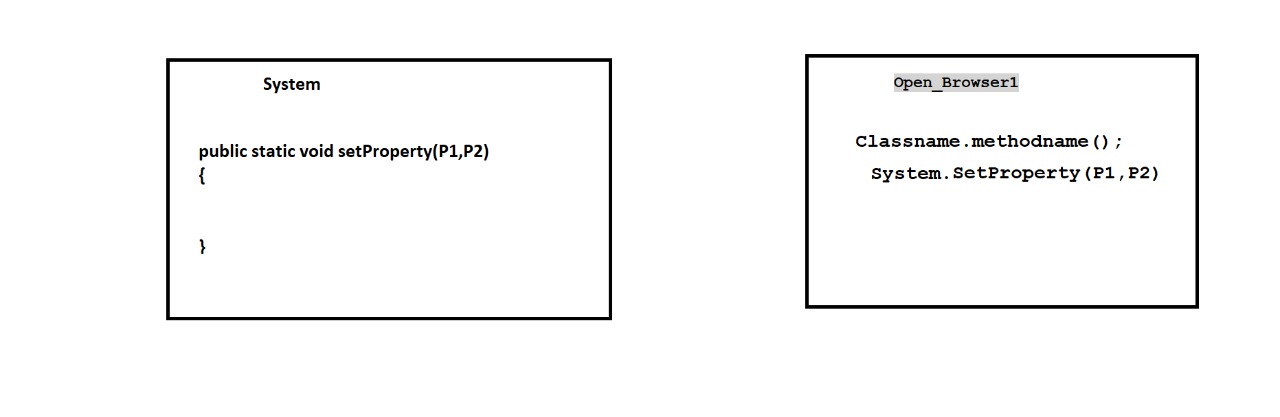
**Selenium Daily Programs**

****

**Launch\_Browser**

package Launch\_Browser;

import org.openqa.selenium.chrome.ChromeDriver;

public class Open\_Browser1

{

//how to launch/open browser / How to communicate with browser

public static void main(String[] args)

{

//Parameter-I: Name of the Browser(Small letter)

//Parameter-II: Path of the Browser(ChromeDriver.exe file)(Convert \ to\\)

System.setProperty("webdriver.chrome.driver",

"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");

//Create object of ChromeDriver Class

ChromeDriver driver=new ChromeDriver(); //Classname objectname=new Classname();

}

}

**package Launch\_Browser;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Open\_Browser2**

**{**

**//how to launch/open browser / How to communicate with browser**

**public static void main(String[] args)**

**{**

**System.setProperty("webdriver.chrome.driver",**

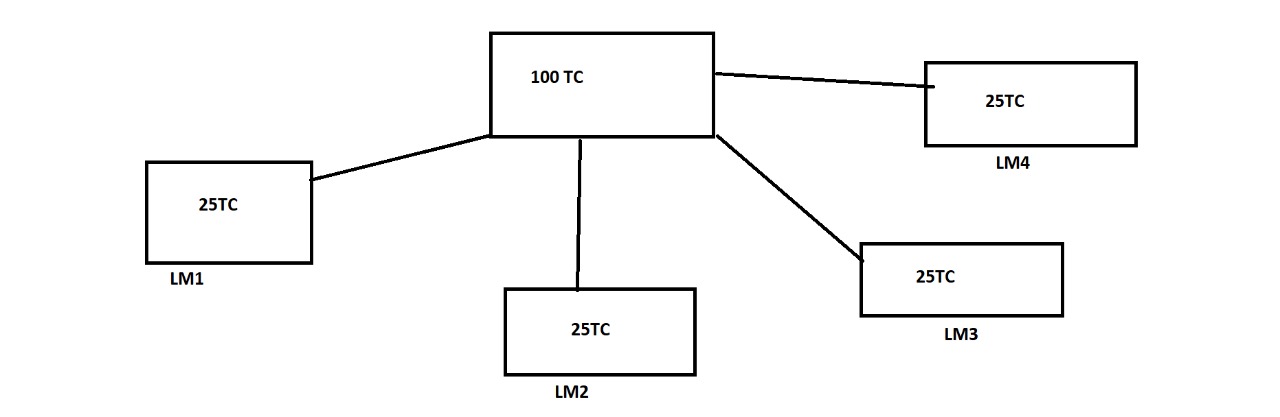
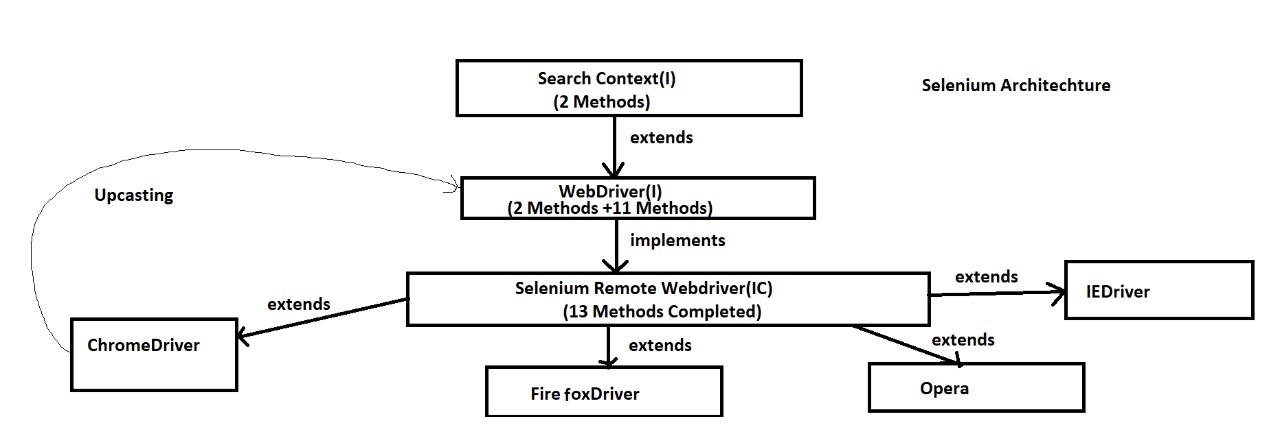
**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**//Create object of ChromeDriver Class provide reference of webDriver interface(Upcasting)**

**WebDriver driver=new ChromeDriver(); //Interface objectname=new Classname();**

**}**

**}**

****

**[10:23 AM, 8/23/2022] Viraj Sir Velocity Automation: package Launch\_Browser;**

**import java.util.List;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.SearchContext;**

**import org.openqa.selenium.WebElement;**

**public class Test1 implements SearchContext**

**{**

**@Override**

**public WebElement findElement(By by) {**

**// TODO Auto-generated method stub**

**return null;**

**}**

**@Override**

**public List<WebElement> findElements(By by) {**

**// TODO Auto-generated method stub**

**return null**

**}**

**}**

**[10:24 AM, 8/23/2022] Viraj Sir Velocity Automation: package Launch\_Browser;**

**import java.util.List;**

**import java.util.Set;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**public class Test2 implements WebDriver**

**{**

**@Override**

**public void close() {**

**// TODO Auto-generated method stub**

**}**

**@Override**

**public WebElement findElement(By by) {**

**// TODO Auto-generated method stub**

**return null;**

**}**

**@Override**

**public List<WebElement> findElements(By by) {**

**// TODO Auto-generated method stub**

**return null;**

**}**

**@Override**

**public void get(String url) {**

**// TODO Auto-generated method stub**

**}**

**@Override**

**public String getCurrentUrl() {**

**// TODO Auto-generated method stub**

**return null;**

**}**

**@Override**

**public String getPageSource() {**

**// TODO Auto-generated method stub**

**return null;**

**}**

**@Override**

**public String getTitle() {**

**// TODO Auto-generated method stub**

**return null;**

**}**

**@Override**

**public String getWindowHandle() {**

**// TODO Auto-generated method stub**

**return null;**

**}**

**@Override**

**public Set<String> getWindowHandles() {**

**// TODO Auto-generated method stub**

**return null;**

**}**

**@Override**

**public Options manage() {**

**// TODO Auto-generated method stub**

**return null;**

**}**

**@Override**

**public Navigation navigate() {**

**// TODO Auto-generated method stub**

**return null;**

**}**

**@Override**

**public void quit() {**

**// TODO Auto-generated method stub**

**}**

**@Override**

**public TargetLocator switchTo() {**

**// TODO Auto-generated method stub**

**return null;**

**}**

**}**

**[10:24 AM, 8/23/2022] Viraj Sir Velocity Automation: package Launch\_Browser;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class WebDriver\_methods1**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

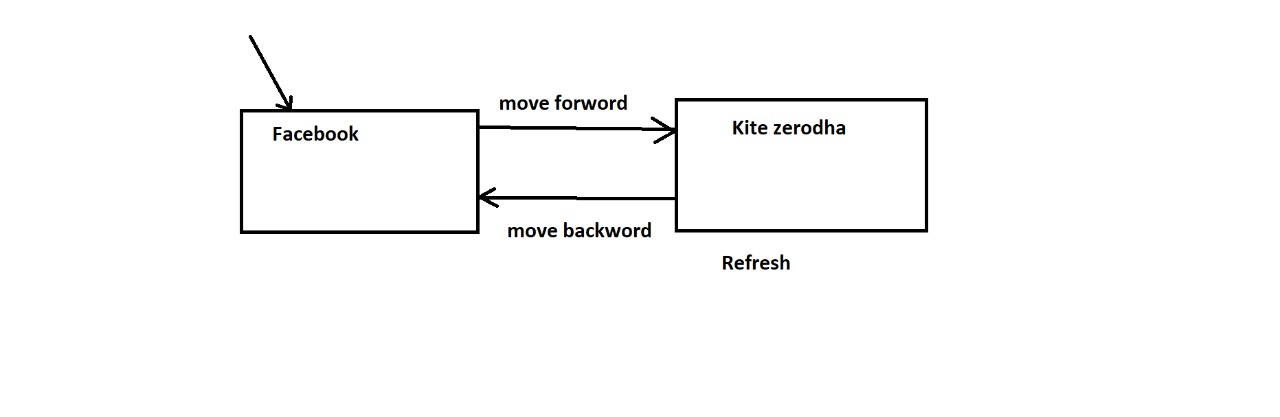
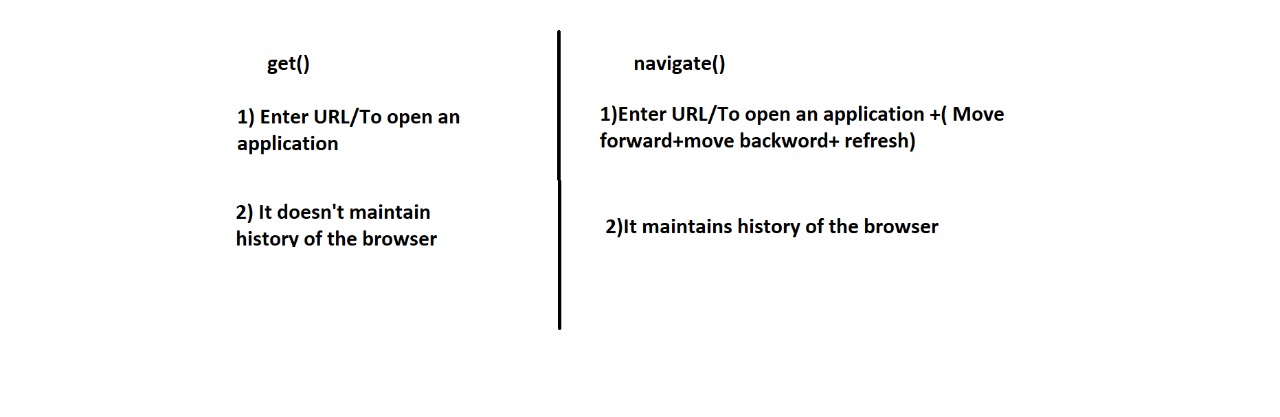
**Thread.sleep(5000);**

**//To Enter URL**

**driver.get("https://kite.zerodha.com"); //Objectname.methodname();**

**}**

**}**

****

**[10:15 AM, 8/24/2022] Viraj Sir Velocity Automation: package Launch\_Browser;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class WebDriver\_methods1**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(5000);**

**//To Enter URL/open an application**

**driver.get("https://kite.zerodha.com"); //Objectname.methodname();**

**}**

**}**

**[10:15 AM, 8/24/2022] Viraj Sir Velocity Automation: package Launch\_Browser;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class WebDriver\_methods2**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(5000);**

**//To open an application/Enter URL**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//To close current tab of the browser**

**driver.close();**

**}**

**}**

**[10:15 AM, 8/24/2022] Viraj Sir Velocity Automation: package Launch\_Browser;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class WebDriver\_method3**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**//To open an application/Enter URL**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//To close multiple tab of the browser/to close browser**

**driver.quit();**

**}**

**[10:15 AM, 8/24/2022] Viraj Sir Velocity Automation: package Launch\_Browser;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class WebDriver\_method4**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**//To open an application/Enter URL**

**driver.navigate().to("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//To open an application/Enter URL**

**driver.navigate().to("https://kite.zerodha.com");**

**//wait**

**Thread.sleep(2000);**

**//to move backward**

**driver.navigate().back();**

**//wait**

**Thread.sleep(2000);**

**//to move forword**

**driver.navigate().forward();**

**//wait**

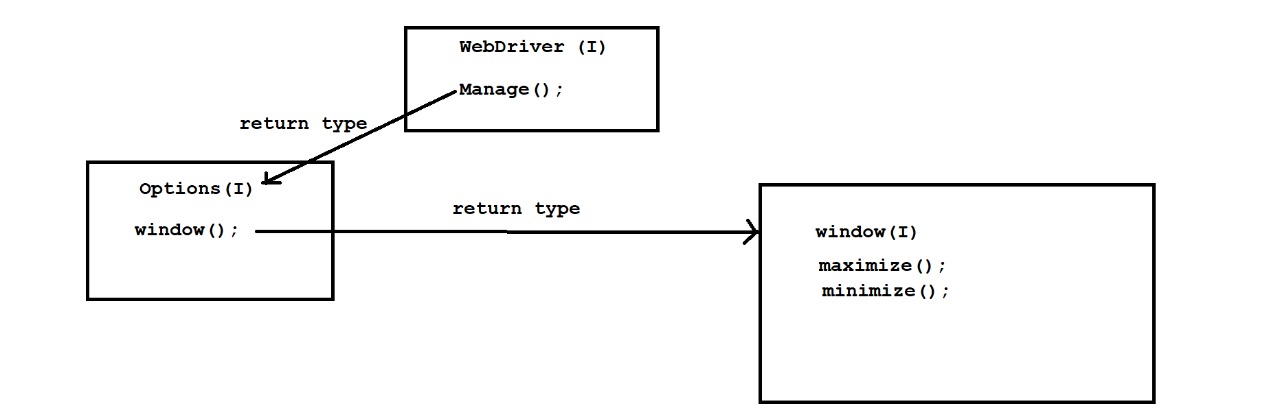
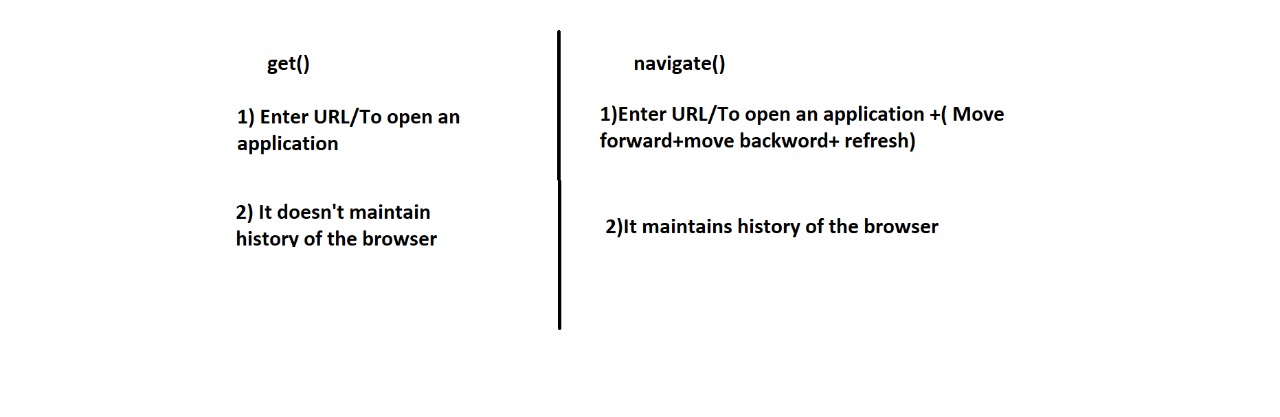
**Thread.sleep(2000);**

**//To refresh webpage**

**driver.navigate().refresh();**

**}**

**}**

****

**[10:12 AM, 8/25/2022] Viraj Sir Velocity Automation: package Launch\_Browser;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class WebDriver\_methods5**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**//To enter URL**

**driver.get("https://www.facebook.com");**

**//To get the title of webpage**

**String Title1=driver.getTitle();**

**System.out.println(Title1);**

**}**

**}**

**[10:12 AM, 8/25/2022] Viraj Sir Velocity Automation: package Launch\_Browser;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Webdriver\_method6**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.flipkart.com");**

**//To get current URL of webpage**

**String URL=driver.getCurrentUrl();**

**System.out.println(URL);**

**}**

**}**

**[10:12 AM, 8/25/2022] Viraj Sir Velocity Automation: package Launch\_Browser;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Webdriver\_method7**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.flipkart.com");**

**//wait**

**Thread.sleep(2000);**

**//to maximize browser**

**driver.manage().window().maximize();**

**//wait**

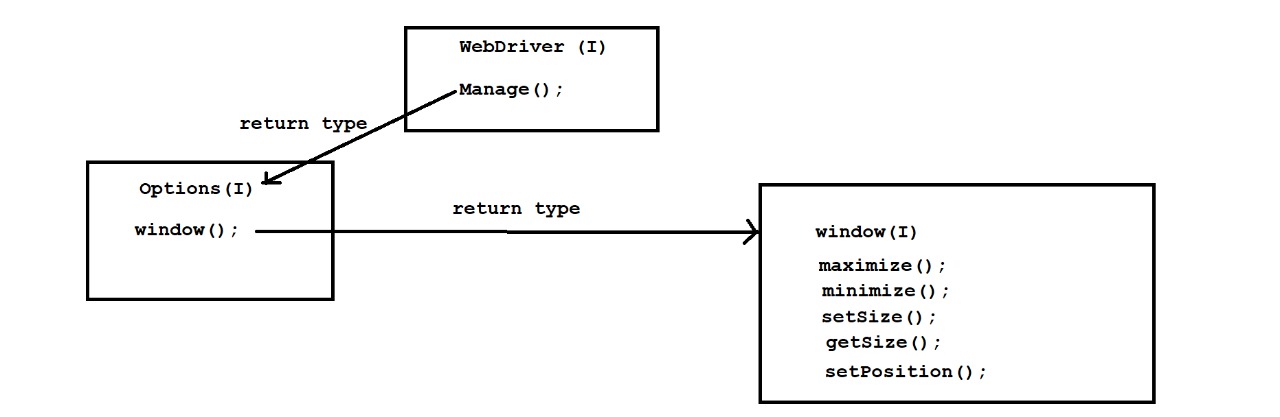
**Thread.sleep(2000);**

**//To minimize browser**

**driver.manage().window().minimize();**

**}**

**}**

****

**[10:23 AM, 8/26/2022] Viraj Sir Velocity Automation: package Launch\_Browser;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Webdriver\_method7**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.flipkart.com");**

**//wait**

**Thread.sleep(2000);**

**//to maximize browser**

**driver.manage().window().maximize();**

**//wait**

**Thread.sleep(2000);**

**//To minimize browser**

**driver.manage().window().minimize();**

**}**

**}**

**[10:23 AM, 8/26/2022] Viraj Sir Velocity Automation: package Launch\_Browser;**

**import org.openqa.selenium.Dimension;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class webdriver\_method8**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.flipkart.com");**

**//wait**

**Thread.sleep(2000);**

**//To set the size of browser**

**Dimension D1=new Dimension(400,700);//Width ,Height(pixel)**

**driver.manage().window().setSize(D1);//400,700**

**}**

**}**

**[10:24 AM, 8/26/2022] Viraj Sir Velocity Automation: package Launch\_Browser;**

**import org.openqa.selenium.Dimension;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class webdriver\_method9**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.flipkart.com");**

**//wait**

**Thread.sleep(2000);**

**//To get the size of browser**

**Dimension S1=driver.manage().window().getSize();**

**System.out.println(S1);**

**}**

**}**

**[10:25 AM, 8/26/2022] Viraj Sir Velocity Automation: package Launch\_Browser;**

**import org.openqa.selenium.Point;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class WebDriver\_Method10**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

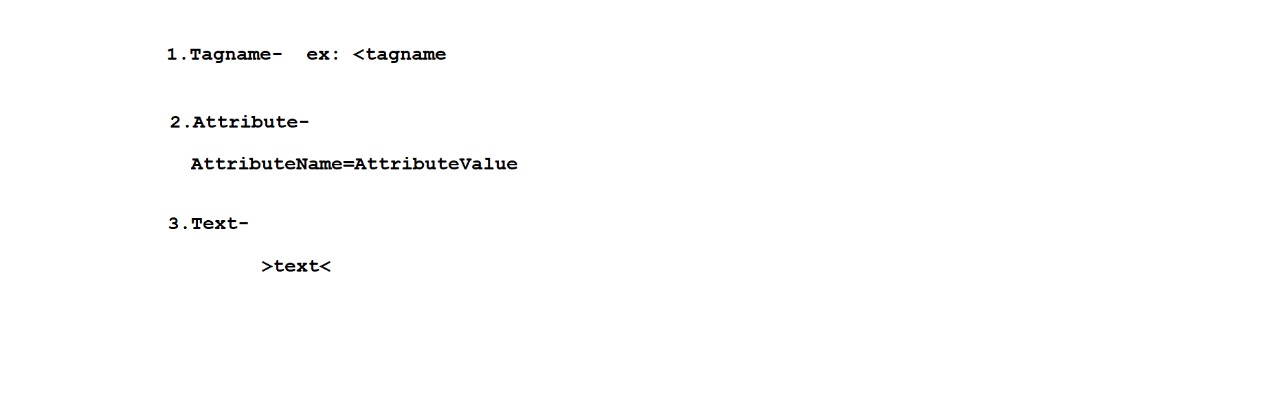
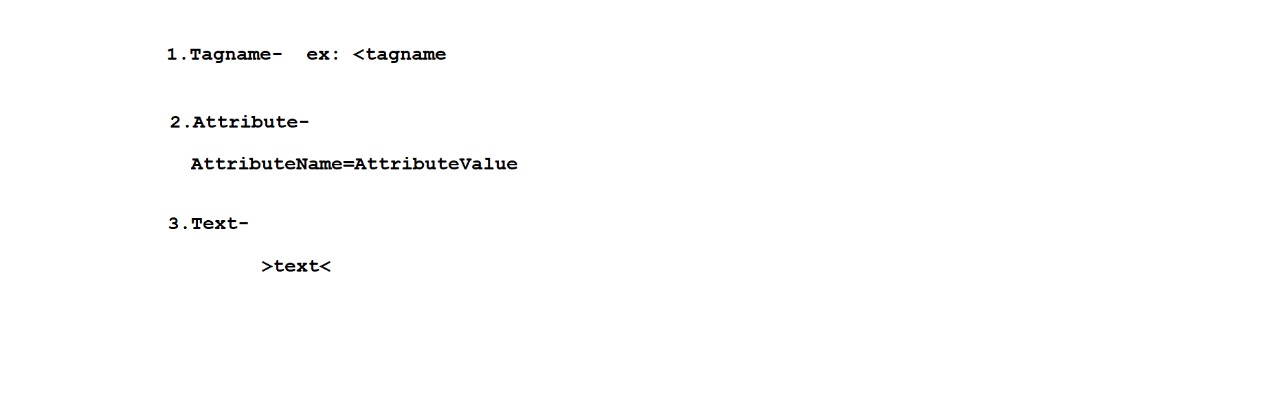
**//to change position of the browser**

**Point P1=new Point(100,500);//X,Y**

**driver.manage().window().setPosition(P1);**

**}**

**}**

****

**package Launch\_Browser;**

**import org.openqa.selenium.Point;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class WebDriver\_Method11**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

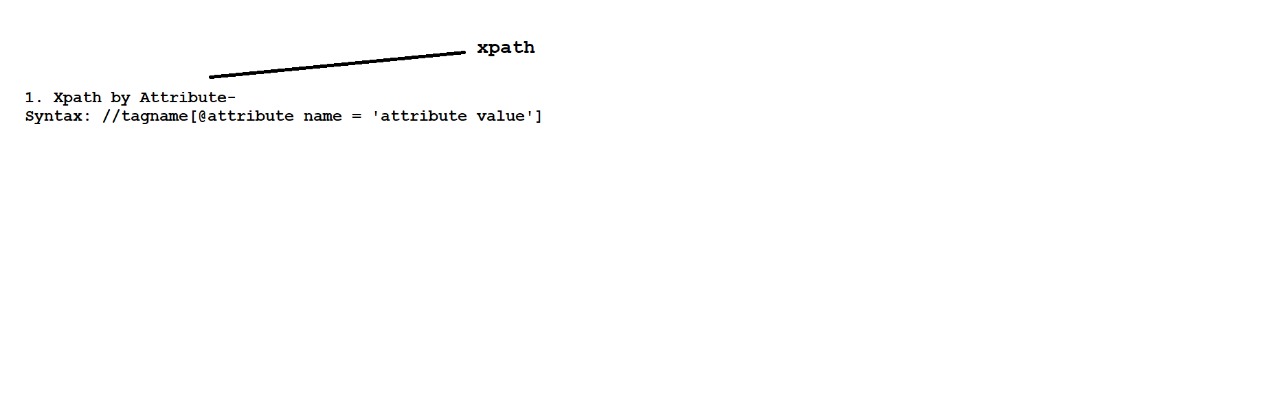
**//to get the position of the browser**

**Point position=driver.manage().window().getPosition();**

**System.out.println(position);**

**}**

**}**

****

**package Locators;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Test1**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

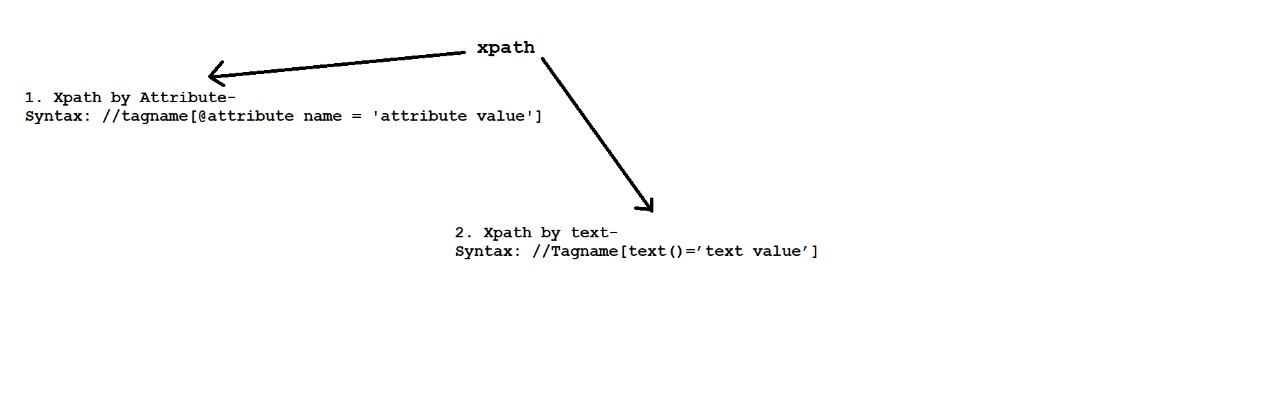
**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//Enter UN**

**driver.findElement(By.xpath("//input[@id='email']")).sendKeys("xyz");**

**}**

**}**

**[10:22 AM, 9/1/2022] Viraj Sir Velocity Automation: package Locators;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Test1**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//Enter UN**

**driver.findElement(By.xpath("//input[@id='email']")).sendKeys("xyz");**

**//Enter PSW**

**driver.findElement(By.xpath("//input[@id='pass']")).sendKeys("abc");**

**}**

**}**

**[10:22 AM, 9/1/2022] Viraj Sir Velocity Automation: package Locators;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Test2**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//Click Login Button**

**driver.findElement(By.xpath("//button[text()='Log In']")).click();**

**}**

**}**

**[10:22 AM, 9/1/2022] Viraj Sir Velocity Automation: package Locators;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Test3**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//Click forgotton Password link**

**driver.findElement(By.xpath("//a[text()='Forgotten password?']")).click();**

**}**

**}**

**[10:23 AM, 9/1/2022] Viraj Sir Velocity Automation: package Locators;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Test4**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//Click Create new Account button**

**driver.findElement(By.xpath("//a[text()='Create New Account']")).click();**

**}**

**}**

**[10:23 AM, 9/1/2022] Viraj Sir Velocity Automation: package Locators;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Test5**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

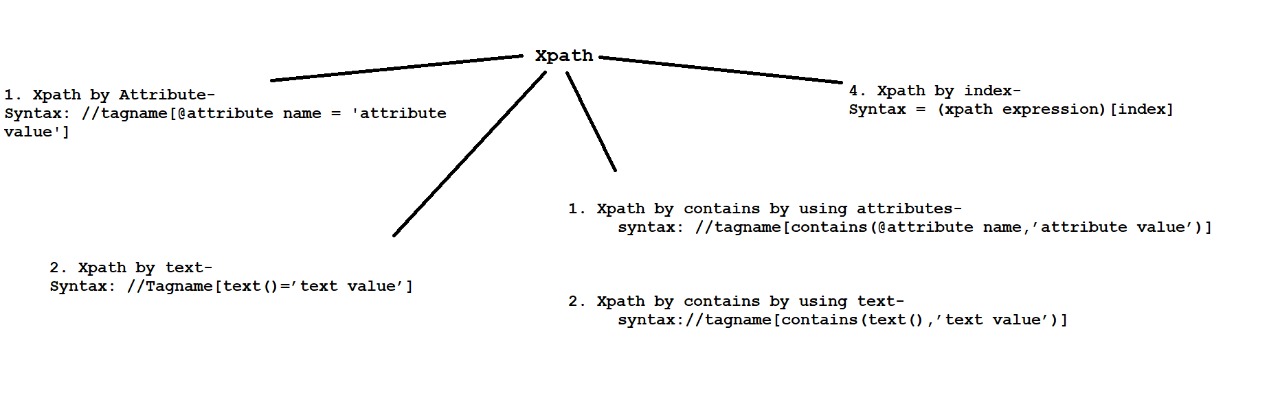
**driver.get("https://www.facebook.com");**

**//Click Login Button**

**driver.findElement(By.xpath("//button[@name='login']")).click();**

**}**

**}**

****

**[10:10 AM, 9/2/2022] Viraj Sir Velocity Automation: package Locators;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Test6**

**{ public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//Enter UN**

**driver.findElement(By.xpath("//input[contains(@placeholder,'Email address')]")).sendKeys("1234xyz");**

**//Enter PSW**

**driver.findElement(By.xpath("//input[contains(@class,'inputtext \_55r1 \_6luy ')]")).sendKeys("098760987abc");**

**}**

**}**

**[10:10 AM, 9/2/2022] Viraj Sir Velocity Automation: package Locators;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Test7**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//Click forgotton Password link**

**driver.findElement(By.xpath("//a[contains(text(),'Forgotten')]")).click();**

**}**

**}**

**[10:10 AM, 9/2/2022] Viraj Sir Velocity Automation: package Locators;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Test8**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//Click create new Account Button**

**driver.findElement(By.xpath("//a[text()='Create New Account']")).click();**

**//wait**

**Thread.sleep(5000);**

**//Enter first Name**

**driver.findElement(By.xpath("(//input[@type='text'])[2]")).sendKeys("Virat");**

**}**

**}**

**[10:11 AM, 9/2/2022] Viraj Sir Velocity Automation: package Locators;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Test9**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//Click create new Account Button**

**driver.findElement(By.xpath("//a[text()='Create New Account']")).click();**

**//wait**

**Thread.sleep(5000);**

**//Enter surname**

**driver.findElement(By.xpath("(//input[@type='text'])[3]")).sendKeys("Kohli");**

**}**

**[10:22 AM, 9/5/2022] Viraj Sir Velocity Automation: package logical\_Program;**

**import java.util.Arrays;**

**public class Array1**

**{**

**//To verify Arrays are equal or not**

**public static void main(String[] args)**

**{**

**int ar1[]= {10,20,30};**

**int ar2[]= {40,50,60};**

**int ar3[]= {40,50,60};**

**System.out.println(Arrays.equals(ar1,ar2)); //false**

**System.out.println(Arrays.equals(ar2,ar3));//true**

**System.out.println(Arrays.equals(ar1, ar3)); //false**

**}**

**}**

**[10:22 AM, 9/5/2022] Viraj Sir Velocity Automation: package logical\_Program;**

**public class Multiply\_no\_without\_multiplication\_operator**

**{**

**//Multiply\_no\_without\_multiplication\_operator**

**public static void main(String[] args)**

**{**

**int Num1=5;**

**int Num2=2;**

**int Sum=0; //10**

**//i=1 1<=5 2**

**//2<=5 3**

**//3<=5 4**

**//4<=5 5**

**//5<=5 6**

**//6<=5**

**for(int i=1; i<=Num1; i++)**

**{**

**Sum=Sum+Num2; //10**

**}**

**System.out.println(Sum);**

**}**

**}**

**[10:22 AM, 9/5/2022] Viraj Sir Velocity Automation: package logical\_Program;**

**public class Reverse\_String**

**{**

**//Reverse\_String**

**public static void main(String[] args)**

**{**

**String Org="Viraj"; //jariV index=4----->0**

**String rev=""; //jariV**

**//i=4 4>=0 3**

**//3>=0 2**

**//2>=0 1**

**//1>=0 0**

**//0>=0 -1**

**//-1>=0**

**for(int i=Org.length()-1; i>=0; i--)**

**{**

**//0**

**rev= rev+ Org.charAt(i);// jari+V**

**}**

**System.out.println(rev);**

**}**

**}**

**}**

**[10:43 AM, 9/6/2022] Viraj Sir Velocity Automation: package Locators;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Test10**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("file:///D:/21%20may/Locators/id1.html");**

**//Enter UN**

**driver.findElement(By.tagName("input")).sendKeys("abc");**

**//wait**

**Thread.sleep(2000);**

**//Enter PSW**

**driver.findElement(By.tagName("input")).sendKeys("xyz");**

**}**

**}**

**[10:44 AM, 9/6/2022] Viraj Sir Velocity Automation: package Locators;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Test11**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("file:///D:/21%20may/Locators/id1.html");**

**//Enter UN**

**driver.findElement(By.id("abc123")).sendKeys("abc78536956");**

**//wait**

**Thread.sleep(2000);**

**//Enter PSW**

**driver.findElement(By.id("abc456")).sendKeys("12345");**

**}**

**}**

**[10:44 AM, 9/6/2022] Viraj Sir Velocity Automation: package Locators;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Test12**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("file:///D:/21%20may/Locators/id1.html");**

**//Enter UN**

**driver.findElement(By.id("abc123")).sendKeys("abc78536956");**

**//wait**

**Thread.sleep(2000);**

**//Enter PSW**

**driver.findElement(By.id("abc123")).sendKeys("12345");**

**}**

**}**

**[10:44 AM, 9/6/2022] Viraj Sir Velocity Automation: package Locators;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Test13**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("file:///D:/21%20may/Locators/name1.html");**

**//Enter UN**

**driver.findElement(By.name("1234")).sendKeys("abc");**

**//wait**

**Thread.sleep(2000);**

**//Enter PSW**

**driver.findElement(By.name("5678")).sendKeys("xyz");**

**}**

**}**

**[10:44 AM, 9/6/2022] Viraj Sir Velocity Automation: package Locators;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Sample15**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("file:///D:/21%20may/Locators/class1.html");**

**//Enter UN**

**driver.findElement(By.className("xyz12")).sendKeys("abc1");**

**//wait**

**Thread.sleep(2000);**

**//Enter PSW**

**driver.findElement(By.className("xyz34")).sendKeys("xyz1");**

**}**

**}**

**[10:45 AM, 9/6/2022] Viraj Sir Velocity Automation: package Locators;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Sample16**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("file:///D:/21%20may/Locators/class2.html");**

**//Enter UN**

**driver.findElement(By.className("xyz12")).sendKeys("abc1");**

**//wait**

**Thread.sleep(2000);**

**//Enter PSW**

**driver.findElement(By.className("xyz12")).sendKeys("xyz1");**

**}**

**}**

**[10:34 AM, 9/7/2022] Viraj Sir Velocity Automation: package Locators;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Sample17**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("file:///D:/21%20may/Locators/linktext.html");**

**//wait**

**Thread.sleep(2000);**

**//Click Facebook link**

**driver.findElement(By.linkText("facebook")).click();**

**}**

**}**

**[10:34 AM, 9/7/2022] Viraj Sir Velocity Automation: package Locators;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Sample18**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("file:///D:/21%20may/Locators/linktext.html");**

**//wait**

**Thread.sleep(2000);**

**//Click Facebook link**

**driver.findElement(By.partialLinkText("book")).click();**

**}**

**}**

**<html>**

**<title>**

**Registration Page**

**</title>**

**<body>**

**UN<input type='text'> <br>**

**PSW<input type='Password'> <br>**

**Email<input type='text'> <br>**

**Mobile No<input type='text'><br>**

**Gender<br>**

**Male<input type='radio'> <br>**

**Female<input type='radio'><br>**

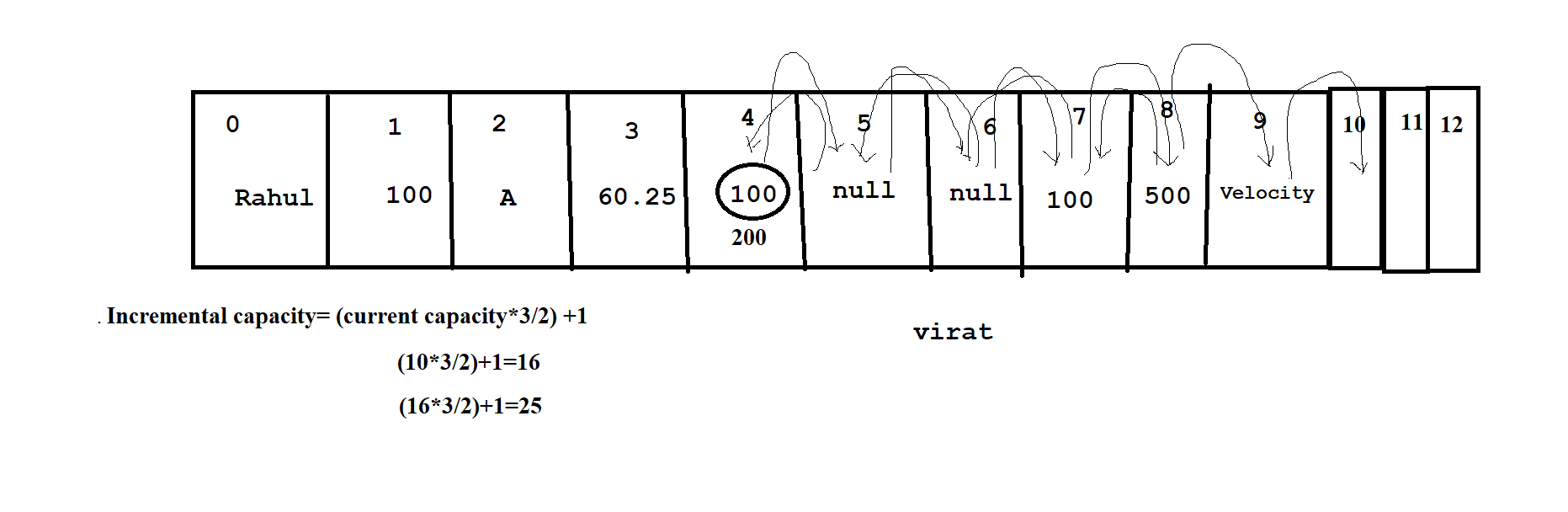
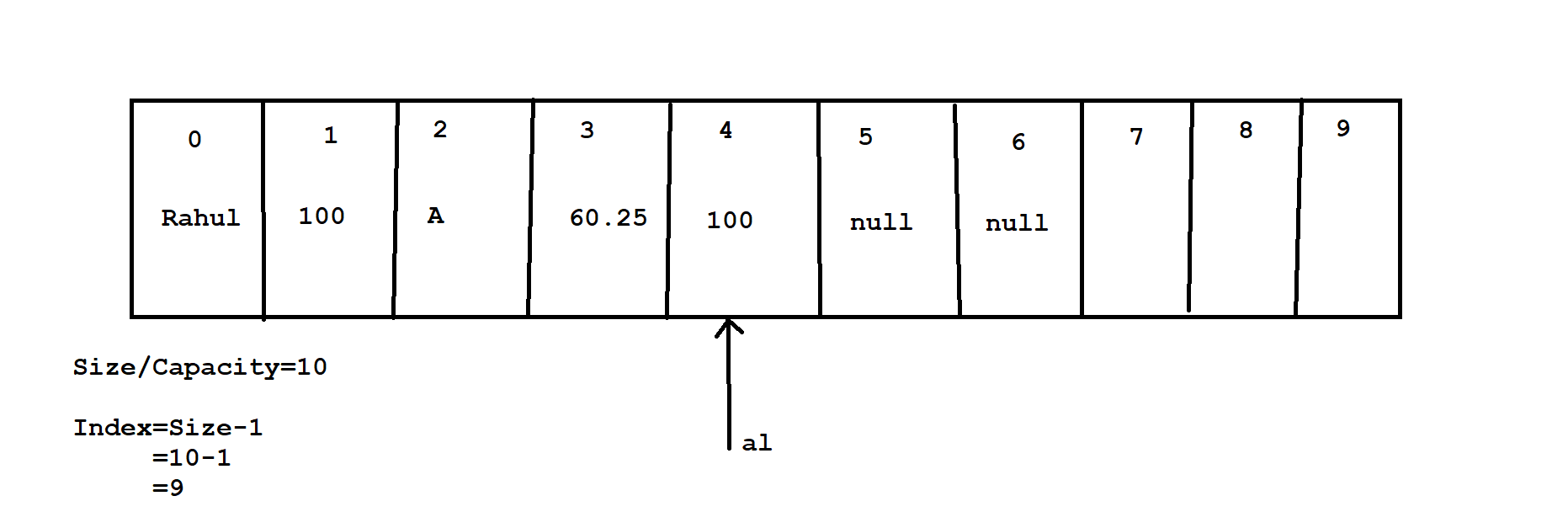
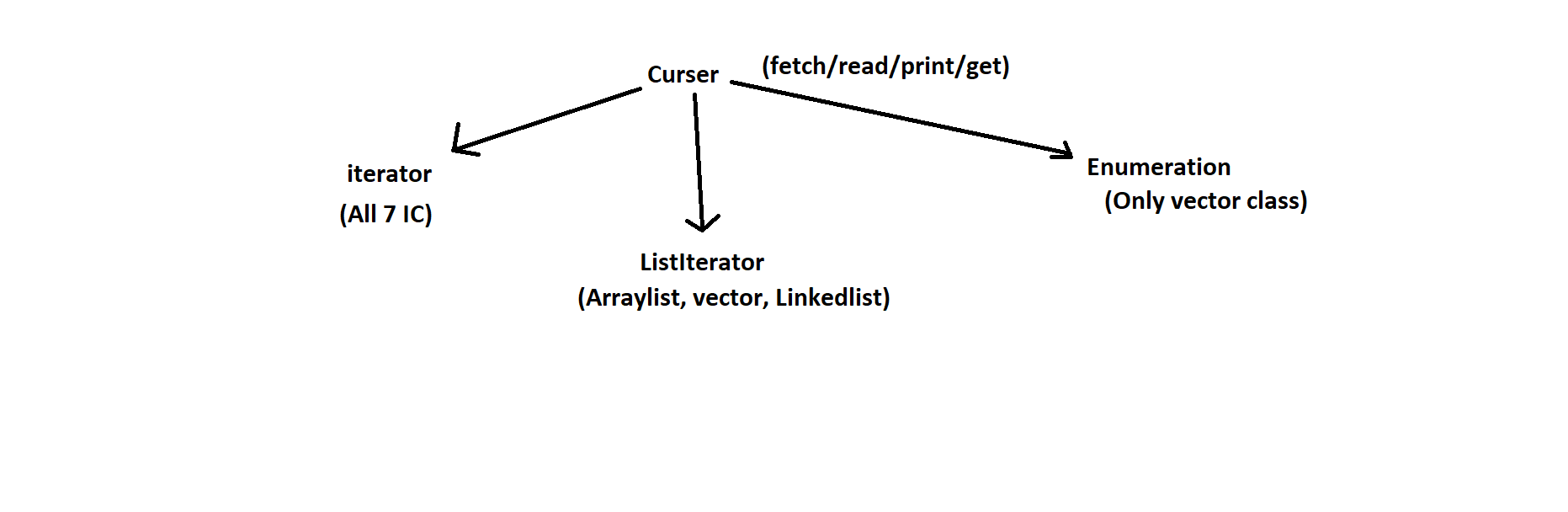
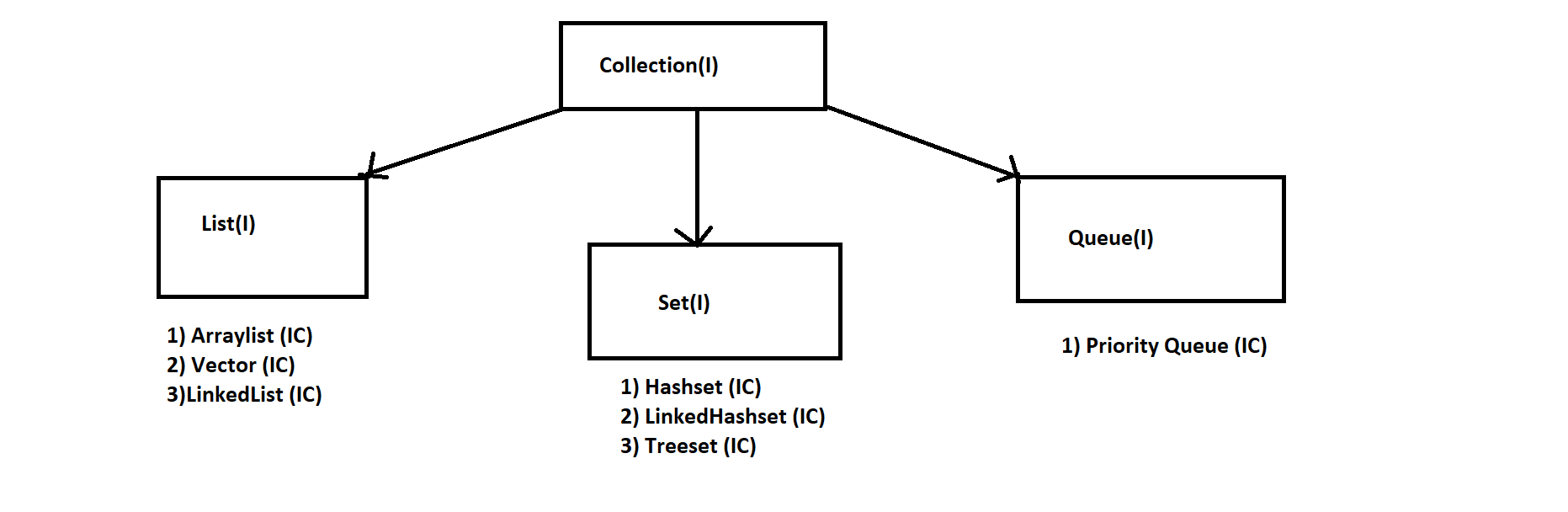
**<input type='checkbox'> I agree <br>**

**<a href="https://www.flipkart.com/">Flipkart</a> <br>**

**<input type='button' value='Signup'>**

**</body>**

**</html>**

****

**package Collection;**

**import java.util.ArrayList;**

**public class Test1**

**{**

**public static void main(String[] args)**

**{**

**ArrayList al=new ArrayList();**

**//Add information**

**al.add("Rahul");**

**al.add(100);**

**al.add('A');**

**al.add(60.25f);**

**al.add(100);**

**al.add(null);**

**al.add(null);**

**System.out.println(al);**

**//Verify Arraylist is empty or not**

**System.out.println(al.isEmpty()); //false**

**//Size/capacity**

**System.out.println(al.size());//7**

**//To verify information is present or not**

**System.out.println(al.contains('A')); //true**

**//Add information in between Arraylist----->Right shift operations**

**al.add(4,200);**

**System.out.println(al);**

**//Remove information---->Left shift operation**

**al.remove(4);**

**System.out.println(al);**

**//update Information**

**al.set(3, 80.25f);**

**System.out.println(al);**

**//To find index of data**

**System.out.println(al.indexOf('A'));//2**

**//to get data by providing index**

**System.out.println(al.get(2)); //A**

**System.out.println("------For each loop------");**

**//for each loop**

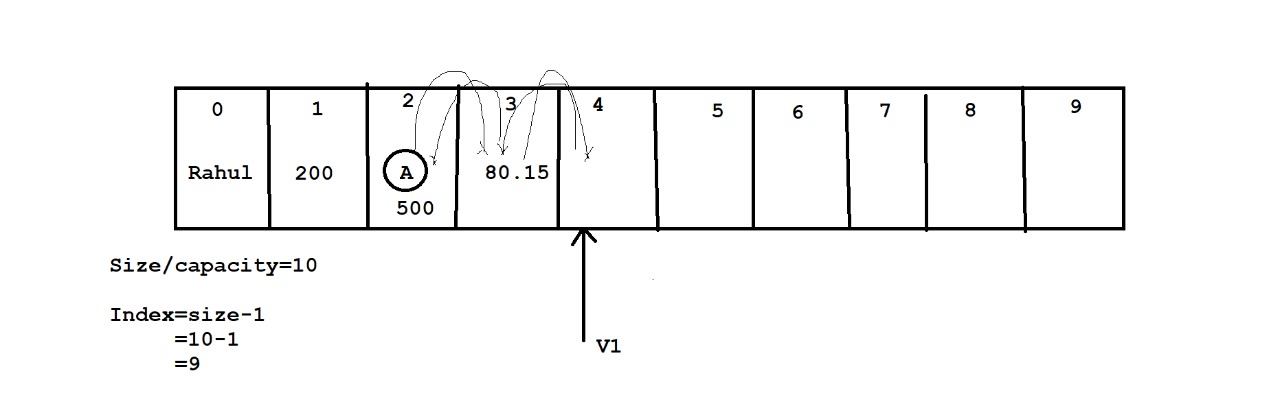
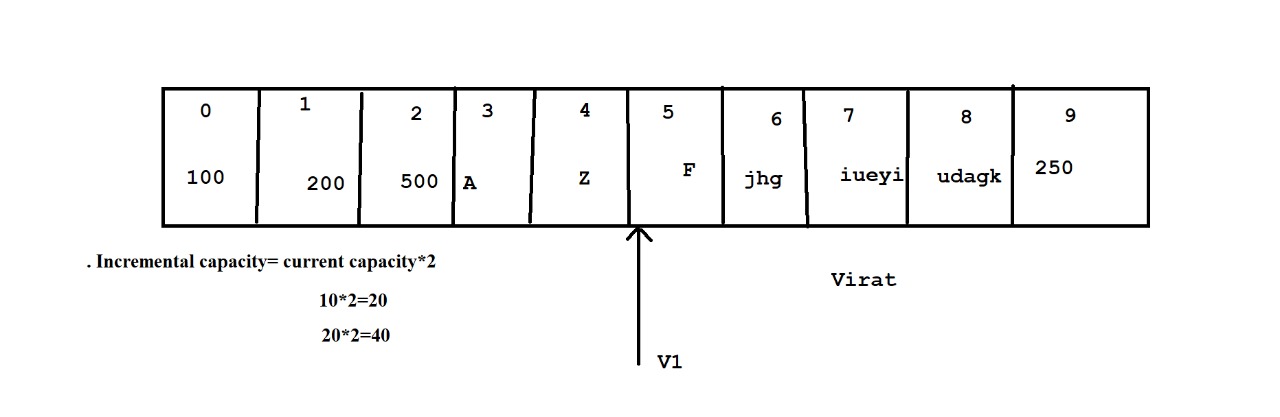
**for(Object S1:al) //3-->80.25 String int char float**

**{**

**System.out.println(S1);//Rahul 100 A 80.25**

**}**

**}**

**}**

**[10:52 AM, 9/9/2022] Viraj Sir Velocity Automation: package Collection;**

**import java.util.ArrayList;**

**import java.util.Iterator;**

**import java.util.ListIterator;**

**public class Test1**

**{**

**public static void main(String[] args)**

**{**

**ArrayList al=new ArrayList();**

**//Add information**

**al.add("Rahul");**

**al.add(100);**

**al.add('A');**

**al.add(60.25f);**

**al.add(100);**

**al.add(null);**

**al.add(null);**

**System.out.println(al);**

**//Verify Arraylist is empty or not**

**System.out.println(al.isEmpty()); //false**

**//Size/capacity**

**System.out.println(al.size());//7**

**//To verify information is present or not**

**System.out.println(al.contains('A')); //true**

**//Add information in between Arraylist----->Right shift operations**

**al.add(4,200);**

**System.out.println(al);**

**//Remove information---->Left shift operation**

**al.remove(4);**

**System.out.println(al);**

**//update Information**

**al.set(3, 80.25f);**

**System.out.println(al);**

**//To find index of data**

**System.out.println(al.indexOf('A'));//2**

**//to get data by providing index**

**System.out.println(al.get(2)); //A**

**System.out.println("------For each loop------");**

**//for each loop**

**for(Object S1:al) //3-->80.25 String int char float**

**{**

**System.out.println(S1);//Rahul 100 A 80.25**

**}**

**System.out.println("------Using iterator curser------");**

**Iterator itr=al.iterator();**

**while(itr.hasNext())**

**{**

**System.out.println(itr.next());**

**}**

**System.out.println("------Using Listiterator curser------");**

**ListIterator ltr=al.listIterator();**

**while(ltr.hasNext()) //7-----> -->false**

**{**

**System.out.println(ltr.next()); //Rahul 100 A**

**}**

**}**

**}**

**[10:52 AM, 9/9/2022] Viraj Sir Velocity Automation: package Collection;**

**import java.util.Vector;**

**public class Test2**

**{**

**public static void main(String[] args)**

**{**

**Vector V1=new Vector();**

**//Add information**

**V1.add("Rahul");**

**V1.add(200);**

**V1.add('A');**

**V1.add(80.15f);**

**V1.add(200);**

**V1.add(null);**

**V1.add(null);**

**System.out.println(V1);**

**//Verify Vector is empty or not**

**System.out.println(V1.isEmpty()); //false**

**//Size/capacity**

**System.out.println(V1.size()); //7**

**//To verify information is present or not**

**System.out.println(V1.contains(200));//true**

**//Add information in between Vector----->Right shift operations**

**V1.add(2,500);**

**System.out.println(V1);**

**//Remove information---->Left shift operation**

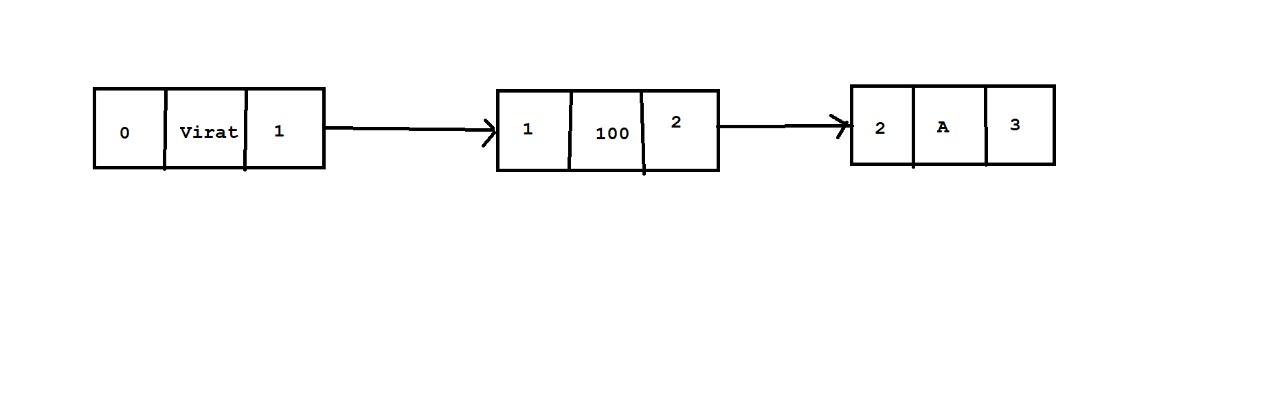
**V1.remove(2);**

**System.out.println(V1);**

**}**

**}**

|  |
| --- |
| **12 Sep** |

****

**[10:36 AM, 9/12/2022] Viraj Sir Velocity Automation: package Collection;**

**import java.util.Enumeration;**

**import java.util.Iterator;**

**import java.util.ListIterator;**

**import java.util.Vector;**

**public class Test2**

**{**

**public static void main(String[] args)**

**{**

**Vector V1=new Vector();**

**//Add information**

**V1.add("Rahul");**

**V1.add(200);**

**V1.add('A');**

**V1.add(80.15f);**

**V1.add(200);**

**V1.add(null);**

**V1.add(null);**

**System.out.println(V1);**

**//Verify Vector is empty or not**

**System.out.println(V1.isEmpty()); //false**

**//Size/capacity**

**System.out.println(V1.size()); //7**

**//To verify information is present or not**

**System.out.println(V1.contains(200));//true**

**//Add information in between Vector----->Right shift operations**

**V1.add(2,500);**

**System.out.println(V1);**

**//Remove information---->Left shift operation**

**V1.remove(2);**

**System.out.println(V1);**

**//update Information**

**V1.set(6,100);**

**System.out.println(V1);**

**//To find index of data**

**System.out.println(V1.indexOf('A'));//2**

**//to get data by providing index**

**System.out.println(V1.get(3));//80.15**

**System.out.println("-------for each loop------------");**

**for(Object S1:V1) //2-->A**

**{**

**System.out.println(S1);**

**}**

**System.out.println("------Using iterator curser------");**

**Iterator itr=V1.iterator();**

**while(itr.hasNext()) //7----> -->false**

**{**

**System.out.println(itr.next());**

**}**

**System.out.println("------Using Listiterator curser------");**

**ListIterator ltr=V1.listIterator();**

**while(ltr.hasNext()) //7-----> -->false**

**{**

**System.out.println(ltr.next()); //Rahul 200**

**}**

**System.out.println("-----------------By using Enumeration curser------------");**

**Enumeration enu=V1.elements();**

**while(enu.hasMoreElements()) //7--> -->false**

**{**

**System.out.println(enu.nextElement());//Rahul 200 A**

**}**

**}**

**}**

**[10:36 AM, 9/12/2022] Viraj Sir Velocity Automation: package Collection;**

**import java.util.Iterator;**

**import java.util.LinkedList;**

**import java.util.ListIterator;**

**public class Test3**

**{**

**public static void main(String[] args)**

**{**

**LinkedList L1=new LinkedList();**

**//Add information**

**L1.add("Virat");**

**L1.add(100);**

**L1.add('A');**

**L1.add(90.25f);**

**L1.add(100);**

**L1.add(null);**

**L1.add(null);**

**System.out.println(L1);**

**//Verify LinkedList is empty or not**

**System.out.println(L1.isEmpty()); //false**

**//Size/capacity**

**System.out.println(L1.size());//7**

**//To verify information is present or not**

**System.out.println(L1.contains(100));//true**

**//Add information in between LinkedList----->Right shift operations**

**L1.add(5, 500);**

**System.out.println(L1);**

**//Remove information---->Left shift operation**

**L1.remove(5);**

**System.out.println(L1);**

**//update Information**

**L1.set(3, 95.95f);**

**System.out.println(L1);**

**//To find index of data**

**System.out.println(L1.indexOf("Virat"));//0**

**//to get data by providing index**

**System.out.println(L1.get(1));//100**

**System.out.println("-------for each loop------------");**

**for(Object S1:L1)**

**{**

**System.out.println(S1);**

**}**

**System.out.println("------Using iterator curser------");**

**Iterator itr=L1.iterator();**

**while(itr.hasNext()) //7----> -->false**

**{**

**System.out.println(itr.next());**

**}**

**System.out.println("------Using Listiterator curser------");**

**ListIterator ltr=L1.listIterator();**

**while(ltr.hasNext()) //7-----> -->false**

**{**

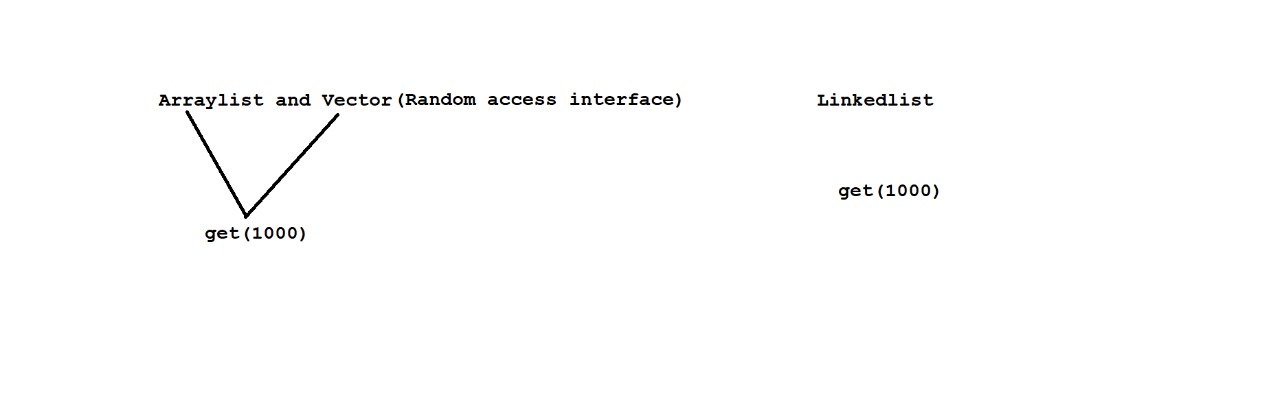
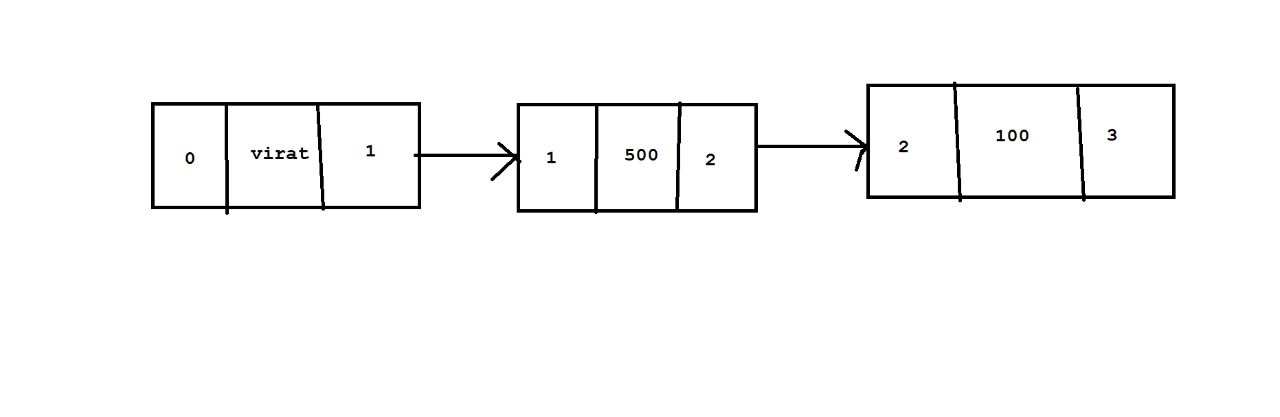
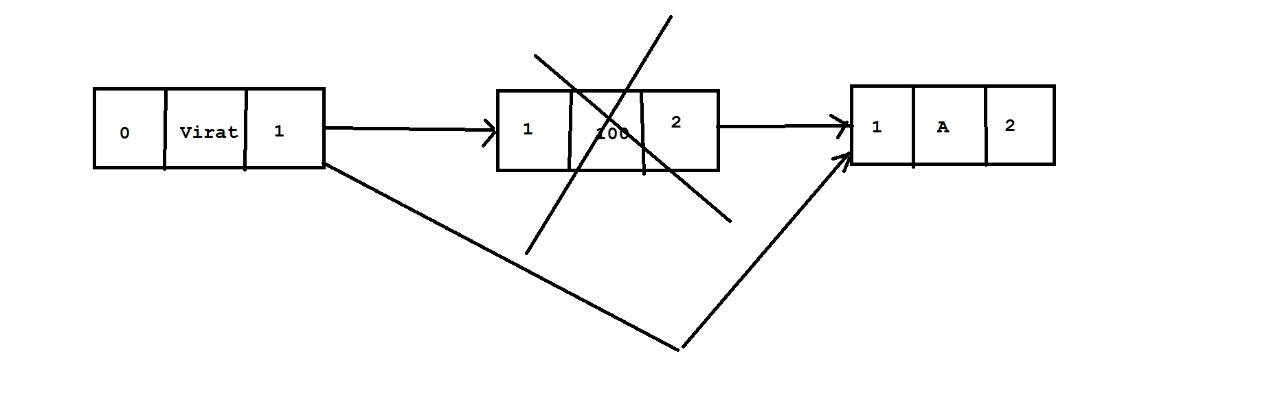
**System.out.println(ltr.next()); //Rahul 200**

**}**

**}**

**}**

|  |
| --- |
| **13 Sep** |

****

**package Collection;**

**import java.util.HashSet;**

**import java.util.Iterator;**

**public class sample1**

**{**

**public static void main(String[] args)**

**{**

**HashSet hs=new HashSet();**

**//Add information**

**hs.add("Virat");**

**hs.add(100);**

**hs.add('A');**

**hs.add(75.50f);**

**hs.add(100); //duplicate**

**hs.add(null);**

**hs.add(null); //duplicate**

**System.out.println(hs);**

**//size**

**System.out.println(hs.size());//5**

**//Empty or not**

**System.out.println(hs.isEmpty());//false**

**//To verify information**

**System.out.println(hs.contains('A')); //true**

**//Remove information**

**hs.remove('A');**

**System.out.println(hs);**

**System.out.println("------For each loop------");**

**for(Object S1:hs)**

**{**

**System.out.println(S1);**

**}**

**System.out.println("------Using iterator curser------");**

**Iterator itr=hs.iterator();**

**while(itr.hasNext())**

**{**

**System.out.println(itr.next());**

**}**

**}**

**}**

**[10:17 AM, 9/14/2022] Viraj Sir Velocity Automation: package Collection;**

**import java.util.Iterator;**

**import java.util.LinkedHashSet;**

**import java.util.LinkedList;**

**public class Sample2**

**{**

**public static void main(String[] args)**

**{**

**LinkedHashSet l1=new LinkedHashSet();**

**//Add information**

**l1.add("Rohit");**

**l1.add(100);**

**l1.add('A');**

**l1.add(60.25f);**

**l1.add(100); //duplicate**

**l1.add(null);**

**l1.add(null); //duplicate**

**System.out.println(l1);**

**//size**

**System.out.println(l1.size());//5**

**//Empty or not**

**System.out.println(l1.isEmpty());//false**

**//To verify information**

**System.out.println(l1.contains('A'));//true**

**//remove Information**

**l1.remove('A');**

**System.out.println(l1);**

**System.out.println("-----for each loop--------");**

**for(Object S1:l1…**

**[10:17 AM, 9/14/2022] Viraj Sir Velocity Automation: package Collection;**

**import java.util.Iterator;**

**import java.util.TreeSet;**

**public class Sample3**

**{**

**public static void main(String[] args)**

**{**

**TreeSet Tr=new TreeSet();**

**//Add information**

**Tr.add(100);**

**Tr.add(300);**

**Tr.add(200);**

**Tr.add(400);**

**Tr.add(700);**

**Tr.add(500);**

**Tr.add(600);**

**Tr.add(100); //duplicate**

**System.out.println(Tr);**

**//size**

**System.out.println(Tr.size());//7**

**//Empty or not**

**System.out.println(Tr.isEmpty());**

**//To verify information**

**System.out.println(Tr.contains(300));**

**//remove Information**

**Tr.remove(500);**

**System.out.println(Tr);**

**//to remove first information**

**Tr.pollFirst();**

**System.out.println(Tr);**

**//to remove last information**

**Tr.pollLast();**

**System.out.println(Tr);**

**//to print first information**

**System.out.println(Tr.first());//200**

**//to print last information**

**System.out.println(Tr.last());//600**

**System.out.println("----------for each loop--------------");**

**for(Object S1:Tr)**

**{**

**System.out.println(S1);**

**}**

**System.out.println("------Using iterator curser------");**

**Iterator itr=Tr.iterator();**

**while(itr.hasNext())**

**{**

**System.out.println(itr.next());**

**}**

**}**

**}**

|  |
| --- |
| **15 Sep** |

**[10:37 AM, 9/15/2022] Viraj Sir Velocity Automation: package WebElement\_methods;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Method1**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//Click forgotton Password link**

**driver.findElement(By.xpath("//a[text()='Forgotten password?']")).click();**

**}**

**}**

**[10:37 AM, 9/15/2022] Viraj Sir Velocity Automation: package WebElement\_methods;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Method2**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//get text of forgotton Password link**

**WebElement Password=driver.findElement(By.xpath("//a[text()='Forgotten password?']"));**

**//Get the Text**

**String S1=Password.getText();**

**System.out.println(S1);**

**}**

**}**

**[10:37 AM, 9/15/2022] Viraj Sir Velocity Automation: package WebElement\_methods;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Method3**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//verify button is enabled or disabled**

**WebElement Login=driver.findElement(By.xpath("//button[@name='login']"));**

**boolean S1=Login.isEnabled(); //enabled-->true**

**//disabled-->false**

**System.out.println(S1);**

**}**

**}**

**[10:37 AM, 9/15/2022] Viraj Sir Velocity Automation: package WebElement\_methods;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Method4**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//click Create new account Button**

**driver.findElement(By.xpath("//a[text()='Create New Account']")).click();**

**//wait**

**Thread.sleep(4000);**

**//Verify radio button is selected or not**

**WebElement radio=driver.findElement(By.xpath("//label[text()='Female']"));**

**boolean S1=radio.isSelected(); //selected-->true**

**//not selected-->false**

**System.out.println(S1);**

**}**

**}**

**[10:38 AM, 9/15/2022] Viraj Sir Velocity Automation: package WebElement\_methods;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Method5**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//verify facebook is displayed or noy**

**WebElement logo=driver.findElement(By.xpath("//img[@class='fb\_logo \_8ilh img']"));**

**boolean S1=logo.isDisplayed(); //displayed-->true**

**//not displayed-->exception**

**System.out.println(S1);**

**}**

**}**

**[10:38 AM, 9/15/2022] Viraj Sir Velocity Automation: package WebElement\_methods;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Approch1**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//enter UN**

**driver.findElement(By.xpath("//input[@id='email']")).sendKeys("abc");**

**//wait**

**Thread.sleep(2000);**

**//Clear UN**

**driver.findElement(By.xpath("//input[@id='email']")).clear();**

**//wait**

**Thread.sleep(2000);**

**//enter UN**

**driver.findElement(By.xpath("//input[@id='email']")).sendKeys("xyz");**

**}}**

**[10:38 AM, 9/15/2022] Viraj Sir Velocity Automation: package WebElement\_methods;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Approch2**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//enter UN**

**WebElement UserName=driver.findElement(By.xpath("//input[@id='email']"));**

**UserName.sendKeys("abc");**

**//wait**

**Thread.sleep(2000);**

**//Clear UN**

**UserName.clear();**

**//wait**

**Thread.sleep(2000);**

**//enter UN**

**UserName.sendKeys("xyz");**

**}**

**}**

|  |
| --- |
| **Capture Screenshot 20sep** |

**[10:09 AM, 9/20/2022] Viraj Sir Velocity Automation: package Screenshot;**

**import java.io.File;**

**import java.io.IOException;**

**import org.openqa.selenium.OutputType;**

**import org.openqa.selenium.TakesScreenshot;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.io.FileHandler;**

**public class Screenshot1**

**{**

**public static void main(String[] args) throws InterruptedException, IOException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**//To open an application/Enter URL**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//To Capture Screenshot**

**File Source=((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);**

**System.out.println(Source);**

**//Create object of file class**

**File Destination=new File("D:\\11 june\\Screenshot\\.Sample1.jpg");**

**//To move Screenshot**

**FileHandler.copy(Source,Destination );**

**}**

**}**

**[10:09 AM, 9/20/2022] Viraj Sir Velocity Automation: package Screenshot;**

**import java.io.File;**

**import java.io.IOException;**

**import org.openqa.selenium.OutputType;**

**import org.openqa.selenium.TakesScreenshot;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.io.FileHandler;**

**public class Screenshot2**

**{ //how to capture screenshot**

**public static void main(String[] args) throws InterruptedException, IOException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**//To open an application/Enter URL**

**driver.get("https://kite.zerodha.com");**

**//wait**

**Thread.sleep(2000);**

**//To Capture Screenshot**

**File Source=((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);**

**System.out.println(Source);**

**//Create object of file class**

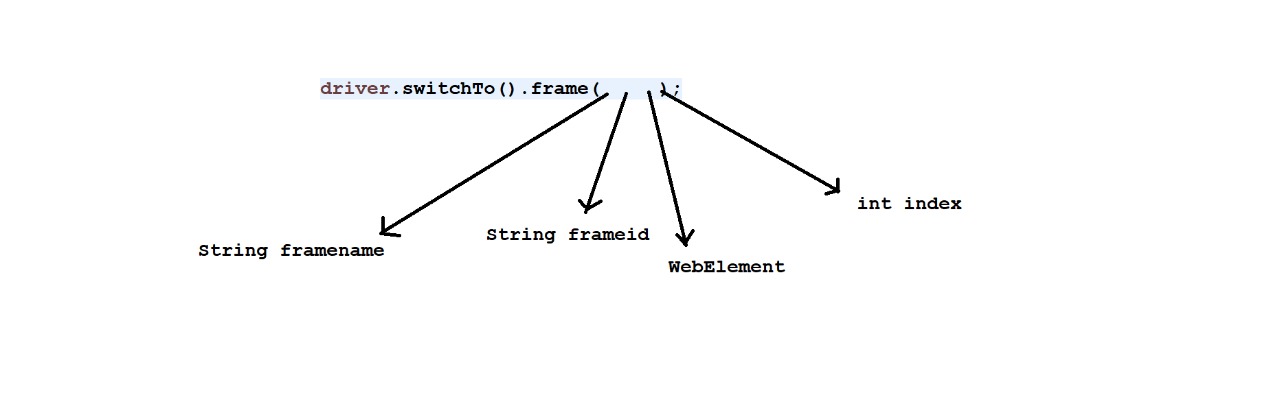
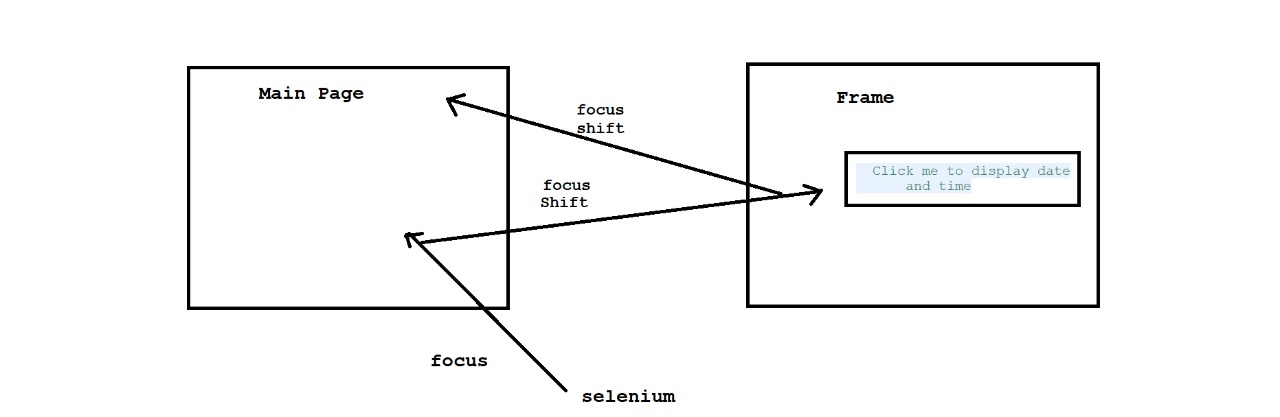
**File Destination=new File("D:\\11 june\\Screenshot\\.Sample2.jpg");**

**//To move Screenshot**

**FileHandler.copy(Source,Destination);**

**}**

**}**

****

**[10:42 AM, 9/27/2022]**

**package Iframe;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Iframe1**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.w3schools.com/js/tryit.asp?filename=tryjs\_myfirst");**

**//wait**

**Thread.sleep(2000);**

**//Switch to frame(String FrameName)**

**driver.switchTo().frame("iframeResult");**

**//wait**

**Thread.sleep(2000);**

**//Click me to display date and time**

**driver.findElement(By.xpath("//button[@type='button']")).click();**

**}**

**}**

**[10:42 AM, 9/27/2022] Viraj Sir Velocity Automation: package Iframe;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Iframe2**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.w3schools.com/js/tryit.asp?filename=tryjs\_myfirst");**

**//wait**

**Thread.sleep(2000);**

**//Switch to frame(String Frameid)**

**driver.switchTo().frame("iframeResult");**

**//wait**

**Thread.sleep(2000);**

**//Click me to display date and time**

**driver.findElement(By.xpath("//button[@type='button']")).click();**

**}**

**}**

**[10:42 AM, 9/27/2022] Viraj Sir Velocity Automation: package Iframe;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Iframe3**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.w3schools.com/js/tryit.asp?filename=tryjs\_myfirst");**

**//wait**

**Thread.sleep(2000);**

**//Switch to frame(WebElement)**

**driver.switchTo().frame(driver.findElement(By.xpath("//iframe[@id='iframeResult']")));**

**//wait**

**Thread.sleep(2000);**

**//Click me to display date and time**

**driver.findElement(By.xpath("//button[@type='button']")).click();**

**}**

**}**

**[10:42 AM, 9/27/2022] Viraj Sir Velocity Automation: package Iframe;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Iframe4**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.w3schools.com/js/tryit.asp?filename=tryjs\_myfirst");**

**//wait**

**Thread.sleep(2000);**

**//Switch to frame(int index)**

**driver.switchTo().frame(0);**

**//wait**

**Thread.sleep(2000);**

**//Click me to display date and time**

**driver.findElement(By.xpath("//button[@type='button']")).click();**

**}**

**}**

**[10:42 AM, 9/27/2022] Viraj Sir Velocity Automation: package Iframe;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Iframe5**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.w3schools.com/js/tryit.asp?filename=tryjs\_myfirst");**

**//wait**

**Thread.sleep(2000);**

**//Switch to frame(WebElement)**

**driver.switchTo().frame(driver.findElement(By.xpath("//iframe[@id='iframeResult']")));**

**//wait**

**Thread.sleep(2000);**

**//Click me to display date and time**

**driver.findElement(By.xpath("//button[@type='button']")).click();**

**//wait**

**Thread.sleep(2000);**

**//Switch to main page**

**driver.switchTo().defaultContent();**

**//wait**

**Thread.sleep(2000);**

**//Click Home Button**

**driver.findElement(By.xpath("//a[@id='tryhome']")).click();**

**}}**

**[10:43 AM, 9/27/2022] Viraj Sir Velocity Automation: package Iframe;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Iframe6**

**{ public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.w3schools.com/js/tryit.asp?filename=tryjs\_myfirst");**

**//wait**

**Thread.sleep(2000);**

**//Switch to frame(WebElement)**

**driver.switchTo().frame(driver.findElement(By.xpath("//iframe[@id='iframeResult']")));**

**//wait**

**Thread.sleep(2000);**

**//Click me to display date and time**

**driver.findElement(By.xpath("//button[@type='button']")).click();**

**//wait**

**Thread.sleep(2000);**

**//Switch to main page**

**driver.switchTo().parentFrame();**

**//wait**

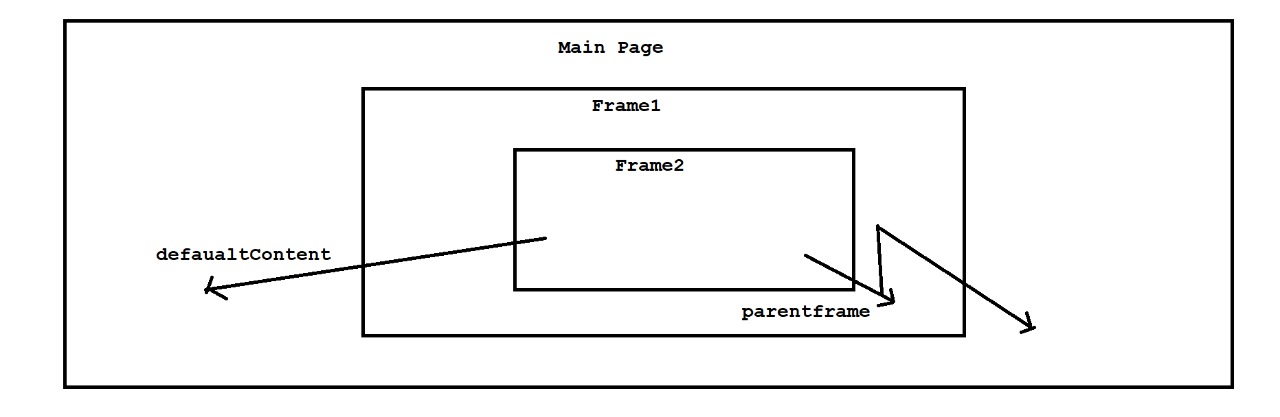
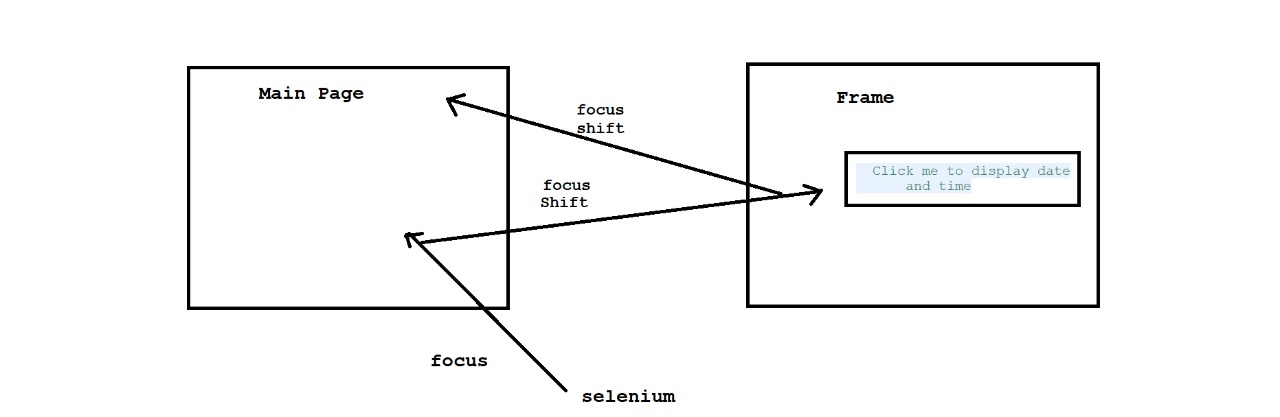
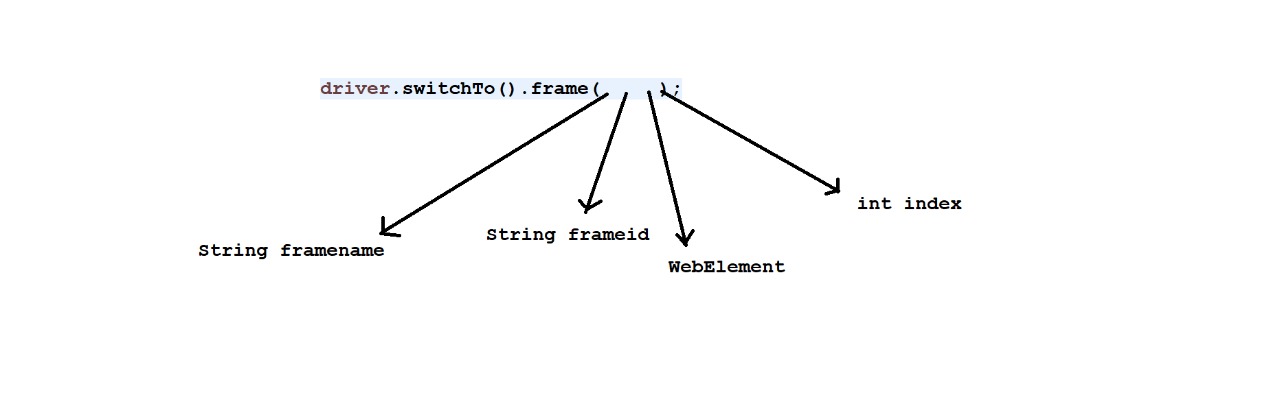
**Thread.sleep(2000);**

**//Click Home Button**

**driver.findElement(By.xpath("//a[@id='tryhome']")).click();**

**}**

**}**

****

**[10:46 AM, 9/28/2022] Viraj Sir Velocity Automation: package Iframe;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Iframe5**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.w3schools.com/js/tryit.asp?filename=tryjs\_myfirst");**

**//wait**

**Thread.sleep(2000);**

**//Switch to frame(WebElement)**

**driver.switchTo().frame(driver.findElement(By.xpath("//iframe[@id='iframeResult']")));**

**//wait**

**Thread.sleep(2000);**

**//Click me to display date and time**

**dr…**

**[10:46 AM, 9/28/2022] Viraj Sir Velocity Automation: package Iframe;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Iframe6**

**{**

**//How to Handle Element present in a Iframe**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.w3schools.com/js/tryit.asp?filename=tryjs\_myfirst");**

**//wait**

**Thread.sleep(2000);**

**//Switch to frame(WebElement)**

**driver.switchTo().frame(driver.findElement(By.xpath("//iframe[@id='iframeResult']")));**

**//wait**

**Thre…**

**[10:48 AM, 9/28/2022] Viraj Sir Velocity Automation: package Listbox;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.support.ui.Select;**

**public class Test1**

**{**

**//how to Handle Listbox**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//Click create new Account Button**

**driver.findElement(By.xpath("//a[text()='Create New Account']")).click();**

**//wait**

**…**

**[10:48 AM, 9/28/2022] Viraj Sir Velocity Automation: package Listbox;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.support.ui.Select;**

**public class Test2**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//Click create new Account Button**

**driver.findElement(By.xpath("//a[text()='Create New Account']")).click();**

**//wait**

**Thread.sleep(5000);**

**…**

**[10:48 AM, 9/28/2022] Viraj Sir Velocity Automation: package Listbox;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.support.ui.Select;**

**public class Test3**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//Click create new Account Button**

**driver.findElement(By.xpath("//a[text()='Create New Account']")).click();**

**//wait**

**Thread.sleep(5000);**

**//Step-I:Identify listbox and store it into an object**

**WebElement Month=driver.findElement(By.xpath("//select[@id='month']"));**

**//Step-II:Create Object of Select Class**

**Select S1=new Select(Month);**

**//wait**

**Thread.sleep(2000);**

**//Step-III:Call the methods**

**S1.selectByIndex(3);**

**}**

**}**

**[10:43 AM, 9/30/2022] Viraj Sir Velocity Automation: package Listbox;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.support.ui.Select;**

**public class Demo1**

**{**

**//how to Handle Listbox**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("file:///D:/21%20may/Locators/MultiselectableListbox.html");**

**//wait**

**Thread.sleep(2000);**

**//Step-I:Identify listbox and store it into an object**

**WebElement Multiselectable=driver.findElement(By.xpath("//select[@id='1234']"));**

**//Step-II:Create Object of Select Class**

**Select S1=new Select(Multiselectable);**

**//Step-III:Call the methods**

**S1.selectByVisibleText("Ind");**

**Thread.sleep(1000);**

**S1.selectByVisibleText("Pak");**

**Thread.sleep(1000);**

**S1.selectByVisibleText("Sri");**

**Thread.sleep(1000);**

**S1.selectByVisibleText("Aus");**

**}**

**}**

**[10:44 AM, 9/30/2022] Viraj Sir Velocity Automation: package Listbox;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.support.ui.Select;**

**public class Demo2**

**{**

**//how to Handle Listbox**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("file:///D:/21%20may/Locators/MultiselectableListbox.html");**

**//wait**

**Thread.sleep(2000);**

**//Step-I:Identify listbox and store it into an object**

**WebElement Multiselectable=driver.findElement(By.xpath("//select[@id='1234']"));**

**//Step-II:Create Object of Select Class**

**Select S1=new Select(Multiselectable);**

**//Step-III:Call the methods**

**S1.selectByIndex(0);**

**Thread.sleep(1000);**

**S1.selectByIndex(3);**

**}**

**}**

**[10:44 AM, 9/30/2022] Viraj Sir Velocity Automation: package Listbox;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.support.ui.Select;**

**public class Sample1**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("file:///D:/21%20may/Locators/MultiselectableListbox.html");**

**//wait**

**Thread.sleep(2000);**

**//Step-I:Identify listbox and store it into an object**

**WebElement Multiselectable=driver.findElement(By.xpath("//select[@id='1234']"));**

**//Step-II:Create Object of Select Class**

**Select S1=new Select(Multiselectable);**

**//Step-III:Call the methods**

**boolean S2=S1.isMultiple(); //multiselecteble---->true**

**//single-->false**

**System.out.println(S2);**

**}**

**}**

**[10:44 AM, 9/30/2022] Viraj Sir Velocity Automation: package Listbox;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.support.ui.Select;**

**public class Sample2**

**{**

**//how to Handle Listbox**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//Click create new Account Button**

**driver.findElement(By.xpath("//a[text()='Create New Account']")).click();**

**//wait**

**Thread.sleep(5000);**

**//Step-I:Identify listbox and store it into an object**

**WebElement Month=driver.findElement(By.xpath("//select[@id='month']"));**

**//Step-II:Create Object of Select Class**

**Select S1=new Select(Month);**

**//wait**

**Thread.sleep(2000);**

**//Step-III:Call the methods**

**boolean Result=S1.isMultiple();**

**System.out.println(Result); //multiselecteble---->true**

**//single-->false**

**}**

**}**

**[10:44 AM, 9/30/2022] Viraj Sir Velocity Automation: package Listbox;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.support.ui.Select;**

**public class Sample3**

**{**

**//how to Handle Listbox**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("file:///D:/21%20may/Locators/MultiselectableListbox.html");**

**//wait**

**Thread.sleep(2000);**

**//Step-I:Identify listbox and store it into an object**

**WebElement Multiselectable=driver.findElement(By.xpath("//select[@id='1234']"));**

**//Step-II:Create Object of Select Class**

**Select S1=new Select(Multiselectable);**

**//Step-III:Call the methods**

**S1.selectByVisibleText("Ind");**

**Thread.sleep(1000);**

**S1.selectByVisibleText("Pak");**

**Thread.sleep(1000);**

**S1.selectByVisibleText("Sri");**

**Thread.sleep(1000);**

**S1.selectByVisibleText("Aus");**

**Thread.sleep(1000);**

**//to deselect option**

**S1.deselectByVisibleText("Pak");**

**S1.deselectByVisibleText("Ind");**

**}**

**}**

**[10:45 AM, 9/30/2022] Viraj Sir Velocity Automation: package Listbox;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.support.ui.Select;**

**public class Sample4**

**{**

**//how to Handle Listbox**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("file:///D:/21%20may/Locators/MultiselectableListbox.html");**

**//wait**

**Thread.sleep(2000);**

**//Step-I:Identify listbox and store it into an object**

**WebElement Multiselectable=driver.findElement(By.xpath("//select[@id='1234']"));**

**//Step-II:Create Object of Select Class**

**Select S1=new Select(Multiselectable);**

**//Step-III:Call the methods**

**S1.selectByVisibleText("Ind");**

**Thread.sleep(1000);**

**S1.selectByVisibleText("Pak");**

**Thread.sleep(1000);**

**S1.selectByVisibleText("Sri");**

**Thread.sleep(1000);**

**S1.selectByVisibleText("Aus");**

**Thread.sleep(1000);**

**//to deselect option**

**S1.deselectByIndex(1);**

**}**

**}**

**[10:45 AM, 9/30/2022] Viraj Sir Velocity Automation: package Listbox;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.support.ui.Select;**

**public class Sample5**

**{**

**//how to Handle Listbox**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("file:///D:/21%20may/Locators/MultiselectableListbox.html");**

**//wait**

**Thread.sleep(2000);**

**//Step-I:Identify listbox and store it into an object**

**WebElement Multiselectable=driver…**

**[10:45 AM, 9/30/2022] Viraj Sir Velocity Automation: package Listbox;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.support.ui.Select;**

**public class Sample6**

**{**

**//how to Handle Listbox**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\11 june\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//Click create new Account Button**

**driver.findElement(By.xpath("//a[text()='Create New Account']")).click();**

**//wait**

**Thread.sleep(5000);**

**//Step-I:Identify listbox and store it into an object**

**WebElement Month=driver.findElement(By.xpath("//select[@id='month']"));**

**//Step-II:Create Object of Select Class**

**Select S1=new Select(Month);**

**//wait**

**Thread.sleep(2000);**

**//Step-III:Call the methods**

**S1.selectByVisibleText("Jun");**

**//wait**

**Thread.sleep(2000);**

**//To get Text**

**WebElement S2=S1.getFirstSelectedOption();**

**String S3=S2.getText();**

**System.out.println(S3);**

**}**

**}**

**[10/6, 11:41 AM] Viraj Sir Velocity Automation: package Pop\_up;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Hidden\_Division\_Pop\_up**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.flipkart.com");**

**//wait**

**Thread.sleep(2000);**

**//Enter Email/mobile**

**driver.findElement(By.xpath("//input[@class='\_2IX\_2- VJZDxU']")).sendKeys("abc@gmail.com");**

**//wait**

**Thread.sleep(2000);**

**//Enter password**

**driver.findElement(By.xpath("//input[@type='password']")).sendKeys("11825851");**

**//wait**

**Thread.sleep(2000);**

**//Click Login Button**

**driver.findElement(By.xpath("//button[@class='\_2KpZ6l \_2HKlqd \_3AWRsL']")).click();**

**}**

**}**

**[10/6, 11:41 AM] Viraj Sir Velocity Automation: package Pop\_up;**

**import org.openqa.selenium.Alert;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Alert\_Pop\_up1**

**{**

**//How to Handle Alert pop-up**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://demo.guru99.com/test/delete\_customer.php");**

**//wait**

**Thread.sleep(2000);**

**//Enter CustomerID**

**driver.findElement(By.xpath("//input[@name='cusid']")).sendKeys("xyz");**

**//wait**

**Thread.sleep(2000);**

**//Click submit button**

**driver.findElement(By.xpath("//input[@name='submit']")).click();**

**//wait**

**Thread.sleep(2000);**

**//To switch to Alert pop-up**

**Alert Alt=driver.switchTo().alert();**

**//call the method**

**// 1.To click OK button**

**Alt.accept();**

**}**

**}**

**[10/6, 11:42 AM] Viraj Sir Velocity Automation: package Pop\_up;**

**import org.openqa.selenium.Alert;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Alert\_Pop\_up2**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://demo.guru99.com/test/delete\_customer.php");**

**//wait**

**Thread.sleep(2000);**

**//Enter CustomerID**

**driver.findElement(By.xpath("//input[@name='cusid']")).sendKeys("xyz");**

**//wait**

**Thread.sleep(2000);**

**//Click submit button**

**driver.findElement(By.xpath("//input[@name='submit']")).click();**

**//wait**

**Thread.sleep(2000);**

**//To switch to Alert pop-up**

**Alert Alt=driver.switchTo().alert();**

**//call the method**

**// 1.To click Cancel button**

**Alt.dismiss();**

**}**

**}**

**[10/6, 11:42 AM] Viraj Sir Velocity Automation: package Pop\_up;**

**import org.openqa.selenium.Alert;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Alert\_Pop\_up3**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://demo.guru99.com/test/delete\_customer.php");**

**//wait**

**Thread.sleep(2000);**

**//Enter CustomerID**

**driver.findElement(By.xpath("//input[@name='cusid']")).sendKeys("xyz");**

**//wait**

**Thread.sleep(2000);**

**//Click submit button**

**driver.findElement(By.xpath("//input[@name='submit']")).click();**

**//wait**

**Thread.sleep(2000);**

**//To switch to Alert pop-up**

**Alert Alt=driver.switchTo().alert();**

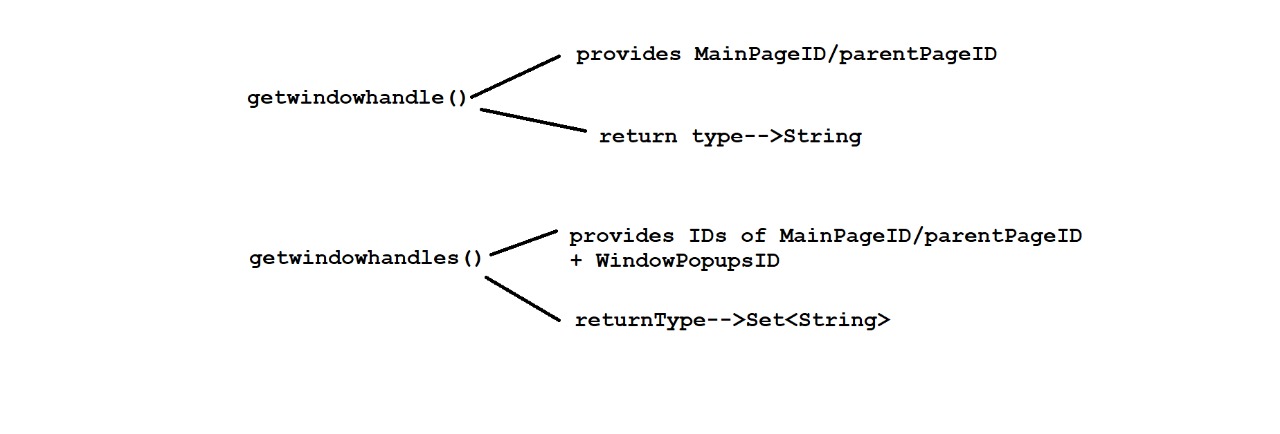
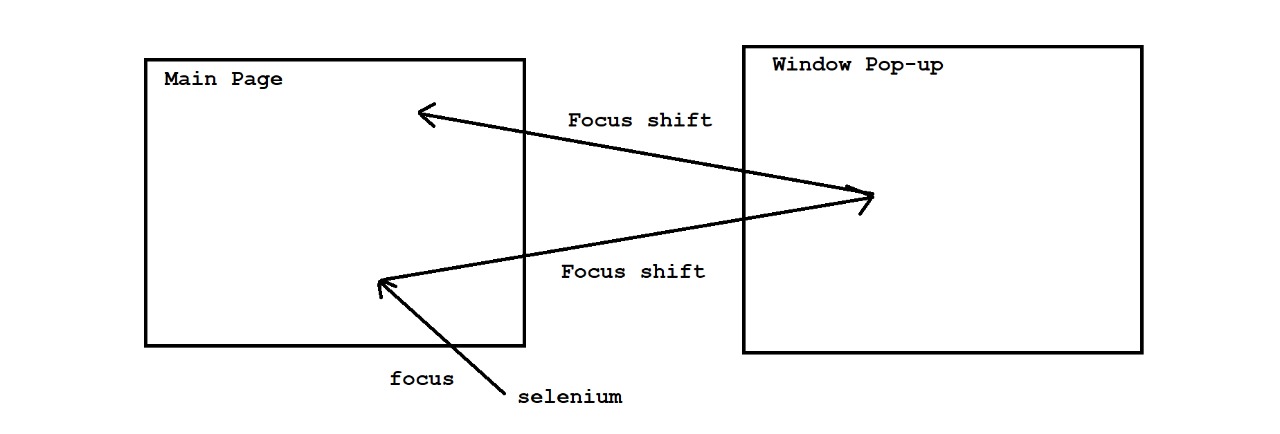
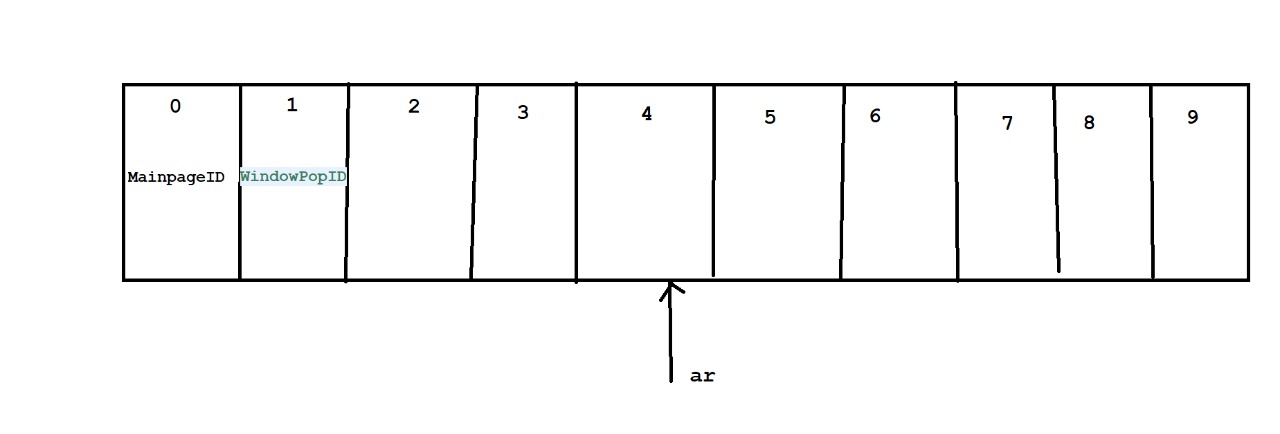
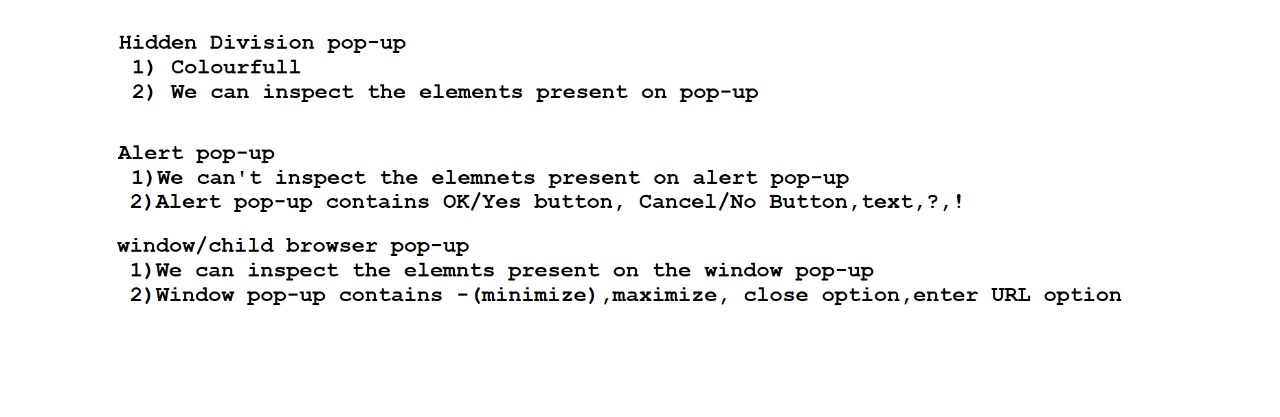
**//call the method**

**// 1.To get text of Alert pop-up**

**String Text=Alt.getText();**

**System.out.println(Text);**

**}}**

****

**package Pop\_up;**

**import java.util.ArrayList;**

**import java.util.Arrays;**

**import java.util.Set;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Window\_Pop\_up**

**{**

**//how to handle window pop-up/Child Browser Pop-up**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://skpatro.github.io/demo/links/");**

**driver.manage().window().maximize();**

**//wait**

**Thread.sleep(2000);**

**//click New Tab Button**

**driver.findElement(By.xpath("(//input[@class='btn'])[2]")).click();**

**//To get IDs of Webpages**

**Set<String> AllIds=driver.getWindowHandles(); //MainPageID WindowPopID**

**ArrayList<String> ar=new ArrayList<String>(AllIds); //MainPageID WindowPopID**

**String MainPageID=ar.get(0);**

**System.out.println(MainPageID);**

**String WindowpopupID=ar.get(1);**

**System.out.println(WindowpopupID);**

**//To switch to Window pop-up**

**driver.switchTo().window(WindowpopupID);**

**//wait**

**Thread.sleep(5000);**

**//Click Training link**

**driver.findElement(By.xpath("(//span[text()='Training'])[1]")).click();**

**//wait**

**Thread.sleep(5000);**

**//To switch to main page**

**driver.switchTo().window(MainPageID);**

**//wait**

**Thread.sleep(2000);**

**//click New Window Button**

**driver.findElement(By.xpath("//input[@name='NewWindow']")).click();**

**}**

**}**

**package Pop\_up;**

**import java.util.ArrayList;**

**import java.util.Arrays;**

**import java.util.Set;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Window\_Pop\_up**

**{**

**//how to handle window pop-up/Child Browser Pop-up**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://skpatro.github.io/demo/links/");**

**driver.manage().window().maximize();**

**//wait**

**Thread.sleep(2000);**

**//click New Tab Button**

**driver.findElement(By.xpath("(//input[@class='btn'])[2]")).click();**

**//To get IDs of Webpages**

**Set<String> AllIds=driver.getWindowHandles(); //MainPageID WindowPopID**

**ArrayList<String> ar=new ArrayList<String>(AllIds); //MainPageID WindowPopID**

**String MainPageID=ar.get(0);**

**System.out.println(MainPageID);**

**String WindowpopupID=ar.get(1);**

**System.out.println(WindowpopupID);**

**//To switch to Window pop-up**

**driver.switchTo().window(WindowpopupID);**

**//wait**

**Thread.sleep(5000);**

**//Click Training link**

**driver.findElement(By.xpath("(//span[text()='Training'])[1]")).click();**

**//wait**

**Thread.sleep(5000);**

**//To switch to main page**

**driver.switchTo().window(MainPageID);**

**//wait**

**Thread.sleep(2000);**

**//click New Window Button**

**driver.findElement(By.xpath("//input[@name='NewWindow']")).click();**

**}**

**}**

**08/10**

**[9:18 AM, 10/8/2022] Viraj Sir Velocity Automation: package Parameterization;**

**import java.io.FileInputStream;**

**import java.io.FileNotFoundException;**

**import java.io.IOException;**

**import org.apache.poi.EncryptedDocumentException;**

**import org.apache.poi.ss.usermodel.Cell;**

**import org.apache.poi.ss.usermodel.Row;**

**import org.apache.poi.ss.usermodel.Sheet;**

**import org.apache.poi.ss.usermodel.Workbook;**

**import org.apache.poi.ss.usermodel.WorkbookFactory;**

**public class Sample1**

**{**

**public static void main(String[] args) throws EncryptedDocumentException, IOException**

**{**

**//To naviagate to Excelsheet**

**FileInputStream file=new FileInputStream("D:\\11 june\\Parameterization\\11\_June\_A\_Morning.xlsx");**

**//to open Excelsheet**

**Workbook S1=WorkbookFactory.create(file);**

**//To enter perticular sheet**

**Sheet Sh=S1.getSheet("Sheet1");**

**//To highlight Perticular Row**

**Row S2=Sh.getRow(0);**

**//To highlight Perticular Cell**

**Cell S3=S2.getCell(0);**

**//To fetch String Information**

**String value =S3.getStringCellValue();**

**System.out.println(value);**

**}**

**}**

**[9:18 AM, 10/8/2022] Viraj Sir Velocity Automation: package Parameterization;**

**import java.io.FileInputStream;**

**import java.io.FileNotFoundException;**

**import java.io.IOException;**

**import org.apache.poi.EncryptedDocumentException;**

**import org.apache.poi.ss.usermodel.WorkbookFactory;**

**public class Sample2**

**{**

**//How to fetch/read/get/retrive data from Excelsheet**

**public static void main(String[] args) throws EncryptedDocumentException, IOException**

**{**

**//To naviagate to Excelsheet**

**FileInputStream file=new FileInputStream("D:\\11 june\\Parameterization\\11\_June\_A\_Morning.xlsx");**

**String Value=WorkbookFactory.create(file).getSheet("Sheet1").getRow(0).getCell(1).getStringCellValue();**

**System.out.println(Value);**

**}**

**}**

**[9:18 AM, 10/8/2022] Viraj Sir Velocity Automation: package Parameterization;**

**import java.io.FileInputStream;**

**import java.io.IOException;**

**import org.apache.poi.EncryptedDocumentException;**

**import org.apache.poi.ss.usermodel.WorkbookFactory;**

**public class Sample3**

**{**

**public static void main(String[] args) throws EncryptedDocumentException, IOException**

**{**

**//To naviagate to Excelsheet**

**FileInputStream file=new FileInputStream("D:\\11 june\\Parameterization\\11\_June\_A\_Morning.xlsx");**

**double Value=WorkbookFactory.create(file).getSheet("Sheet2").getRow(0).getCell(0).getNumericCellValue();**

**System.out.println(Value);**

**}**

**}**

**[9:18 AM, 10/8/2022] Viraj Sir Velocity Automation: package Parameterization;**

**import java.io.FileInputStream;**

**import java.io.IOException;**

**import org.apache.poi.EncryptedDocumentException;**

**import org.apache.poi.ss.usermodel.WorkbookFactory;**

**public class Sample4**

**{**

**public static void main(String[] args) throws EncryptedDocumentException, IOException**

**{**

**//To naviagate to Excelsheet**

**FileInputStream file=new FileInputStream("D:\\11 june\\Parameterization\\11\_June\_A\_Morning.xlsx");**

**boolean Value=WorkbookFactory.create(file).getSheet("Sheet3").getRow(1).getCell(0).getBooleanCellValue();**

**System.out.println(Value);**

**}**

**}**

**[9:19 AM, 10/8/2022] Viraj Sir Velocity Automation: package Parameterization;**

**import java.io.FileInputStream;**

**import java.io.IOException;**

**import org.apache.poi.EncryptedDocumentException;**

**import org.apache.poi.ss.usermodel.WorkbookFactory;**

**public class Sample5**

**{**

**//To get Last Row index**

**public static void main(String[] args) throws EncryptedDocumentException, IOException**

**{**

**//To naviagate to Excelsheet**

**FileInputStream file=new FileInputStream("D:\\11 june\\Parameterization\\11\_June\_A\_Morning.xlsx");**

**int LastRowIndex=WorkbookFactory.create(file).getSheet("Sheet4").getLastRowNum();**

**System.out.println(LastRowIndex);**

**}**

**}**

**[9:19 AM, 10/8/2022] Viraj Sir Velocity Automation: package Parameterization;**

**import java.io.FileInputStream;**

**import java.io.IOException;**

**import org.apache.poi.EncryptedDocumentException;**

**import org.apache.poi.ss.usermodel.WorkbookFactory;**

**public class Sample6**

**{**

**//To get size of Row (Size=Index+1)**

**public static void main(String[] args) throws EncryptedDocumentException, IOException**

**{**

**//To naviagate to Excelsheet**

**FileInputStream file=new FileInputStream("D:\\11 june\\Parameterization\\11\_June\_A\_Morning.xlsx");**

**int RowSize=WorkbookFactory.create(file).getSheet("Sheet4").getLastRowNum()+1;**

**System.out.println(RowSize);**

**}**

**}**

**[9:19 AM, 10/8/2022] Viraj Sir Velocity Automation: package Parameterization;**

**import java.io.FileInputStream;**

**import java.io.IOException;**

**import org.apache.poi.EncryptedDocumentException;**

**import org.apache.poi.ss.usermodel.WorkbookFactory;**

**public class Sample7**

**{**

**//To get size of cell/column**

**public static void main(String[] args) throws EncryptedDocumentException, IOException**

**{**

**//To naviagate to Excelsheet**

**FileInputStream file=new FileInputStream("D:\\11 june\\Parameterization\\11\_June\_A\_Morning.xlsx");**

**Short CellSize=WorkbookFactory.create(file).getSheet("Sheet").getRow(0).getLastCellNum();**

**System.out.println(CellSize);**

**}**

**}**

**09/10**

**[9:40 AM, 10/9/2022] Viraj Sir Velocity Automation: package Parameterization;**

**import java.io.FileInputStream;**

**import java.io.IOException;**

**import org.apache.poi.EncryptedDocumentException;**

**import org.apache.poi.ss.usermodel.WorkbookFactory;**

**public class Sample8**

**{**

**//To get last cell/column index**

**public static void main(String[] args) throws EncryptedDocumentException, IOException**

**{**

**//To naviagate to Excelsheet**

**FileInputStream file=new FileInputStream("D:\\11 june\\Parameterization\\11\_June\_A\_Morning.xlsx");**

**int CellSize=WorkbookFactory.create(file).getSheet("Sheet5").getRow(0).getLastCellNum()-1;**

**System.out.println(CellSize);**

**}**

**}**

**[9:40 AM, 10/9/2022] Viraj Sir Velocity Automation: package Parameterization;**

**import java.io.FileInputStream;**

**import java.io.IOException;**

**import org.apache.poi.EncryptedDocumentException;**

**import org.apache.poi.ss.usermodel.WorkbookFactory;**

**public class Sample9**

**{**

**//To read Numeric information as a String**

**public static void main(String[] args) throws EncryptedDocumentException, IOException**

**{**

**//To naviagate to Excelsheet**

**FileInputStream file=new FileInputStream("D:\\11 june\\Parameterization\\11\_June\_A\_Morning.xlsx");**

**String Value=WorkbookFactory.create(file).getSheet("Sheet6").getRow(0).getCell(0).getStringCellValue();**

**System.out.println(Value);**

**}**

**}**

**[9:40 AM, 10/9/2022] Viraj Sir Velocity Automation: package Parameterization;**

**import java.io.FileInputStream;**

**import java.io.IOException;**

**import org.apache.poi.EncryptedDocumentException;**

**import org.apache.poi.ss.usermodel.Sheet;**

**import org.apache.poi.ss.usermodel.WorkbookFactory;**

**public class Sample10**

**{**

**//to fetch information of perticular row**

**public static void main(String[] args) throws EncryptedDocumentException, IOException**

**{**

**//To naviagate to Excelsheet**

**FileInputStream file=new FileInputStream("D:\\11 june\\Parameterization\\11\_June\_A\_Morning.xlsx");**

**Sheet Sh=WorkbookFactory.create(file).getSheet("Sheet7");**

**//To get Last Cell Index**

**int LastCellIndex=Sh.getRow(0).getLastCellNum()-1;**

**System.out.println(LastCellIndex );**

**//tak…**

**[9:40 AM, 10/9/2022] Viraj Sir Velocity Automation: package Parameterization;**

**import java.io.FileInputStream;**

**import java.io.IOException;**

**import org.apache.poi.EncryptedDocumentException;**

**import org.apache.poi.ss.usermodel.Sheet;**

**import org.apache.poi.ss.usermodel.WorkbookFactory;**

**public class Sample11**

**{**

**//To fetch data of perticular column/cell**

**public static void main(String[] args) throws EncryptedDocumentException, IOException**

**{**

**//To naviagate to Excelsheet**

**FileInputStream file=new FileInputStream("D:\\11 june\\Parameterization\\11\_June\_A\_Morning.xlsx");**

**Sheet Sh=WorkbookFactory.create(file).getSheet("Sheet8");**

**int LastRowIndex=Sh.getLastRowNum();**

**System.out.println(LastRowIndex);**

**//Take for loop for Rows**

**//i=0 0<=3 1**

**//1<=3 2**

**//2<=3 3**

**//3<=3 4**

**//4<=3**

**for(int i=0; i<=LastRowIndex ; i++)**

**{**

**//3**

**String Value=Sh.getRow(i).getCell(0).getStringCellValue();**

**System.out.println(Value); //ABCD jwhfiu jvh utwy**

**}**

**}**

**}**

**[9:41 AM, 10/9/2022] Viraj Sir Velocity Automation: package Parameterization;**

**import java.io.FileInputStream;**

**import java.io.IOException;**

**import org.apache.poi.EncryptedDocumentException;**

**import org.apache.poi.ss.usermodel.Sheet;**

**import org.apache.poi.ss.usermodel.WorkbookFactory;**

**public class Sample12**

**{**

**public static void main(String[] args) throws EncryptedDocumentException, IOException**

**{**

**//To naviagate to Excelsheet**

**FileInputStream file=new FileInputStream("D:\\11 june\\Parameterization\\11\_June\_A\_Morning.xlsx");**

**Sheet Sh=WorkbookFactory.create(file).getSheet("Sheet9");**

**int LastRowIndex= Sh.getLastRowNum(); //3**

**//take Outer for loop for rows**

**//i=0 0<=3 1**

**//1<=3 2**

**//2<=3 3**

**//3<=3 4**

**//4<=3**

**for(int i=0; i<=LastRowIndex; i++)**

**{**

**//take Inner for loop for cell/Column**

**//1**

**int LastcellIndex=Sh.getRow(i).getLastCellNum()-1; //0**

**//a=0 0<=0 1**

**//1<=0**

**for(int a=0; a<=LastcellIndex; a++)**

**{ //1 //0**

**String value=Sh.getRow(i).getCell(a).getStringCellValue();**

**System.out.print(value+" "); //abc xyz RTY**

**//1122 gusa ee rqr**

**//sajiuh assar wug**

**//yfus**

**//**

**}**

**System.out.println();**

**} }**

**}**

**[9:42 AM, 10/9/2022] Viraj Sir Velocity Automation: package logical\_Program;**

**public class Pallendrome**

**{**

**public static void main(String[] args)**

**{**

**String Org="madam"; //madam m(4)**

**String rev=""; //madam**

**//i=4 4>=0 3**

**//3>=0 2**

**//2>=0 1**

**//1>=0 0**

**//0>=0 -1**

**//-1>=0**

**for(int i=Org.length()-1; i>=0; i--)**

**{**

**//0**

**rev=rev + Org.charAt(i); //mada+m**

**}**

**//madam //madam**

**if(Org.equals(rev))**

**{**

**System.out.println("Given string is a pallendrome");**

**}**

**else**

**{**

**System.out.println("Given string is not a pallendrome");**

**}**

**}**

**}**

**10/10/2022**

**[10:24 AM, 10/10/2022] Viraj Sir Velocity Automation: package Actions\_Class;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.interactions.Actions;**

**public class Test1**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://demo.automationtesting.in/Frames.html");**

**driver.manage().window().maximize();**

**//wait**

**Thread.sleep(2000);**

**//Step-I:Identify an Element and Store into an object**

**WebElement dropdown=driver.findElement(By.xpath("//a[text()='SwitchTo']"));**

**//Step-II:Create Object of Actions Class**

**Actions act=new Actions(driver);**

**//wait**

**Thread.sleep(2000);**

**//Call the methods(To move Curser)**

**act.moveToElement(dropdown).perform();**

**//wait**

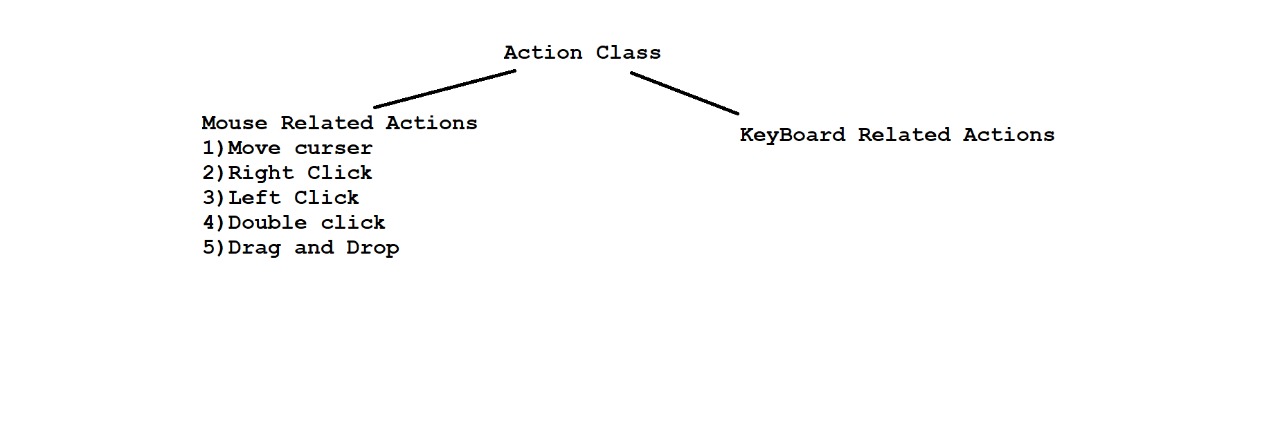
**Thread.sleep(2000);**

**//Click window Option**

**driver.findElement(By.xpath("//a[text()='Windows']")).click();**

**}**

**}**

****

**[10:24 AM, 10/10/2022] Viraj Sir Velocity Automation: package Actions\_Class;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.interactions.Actions;**

**public class Test2**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.flipkart.com");**

**driver.manage().window().maximize();**

**//wait**

**Thread.sleep(2000);**

**//close hidden division pop-up**

**driver.findElement(By.xpath("//button[@class='\_2KpZ6l \_2doB4z']")).click();**

**//Step-I:Identify an Element and Store into an object**

**WebElement cart=driver.findElement(By.xpath("//a[@class='\_3SkBxJ']"));**

**//Step-II:Create Object of Actions Class**

**Actions act=new Actions(driver);**

**//Call the Methods(Right Click Action)**

**act.contextClick(cart).perform();**

**}**

**}**

**[10:24 AM, 10/10/2022] Viraj Sir Velocity Automation: package Actions\_Class;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.interactions.Actions;**

**public class Test3**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.flipkart.com");**

**driver.manage().window().maximize();**

**//wait**

**Thread.sleep(2000);**

**//close hidden division pop-up**

**driver.findElement(By.xpath("//button[@class='\_2KpZ6l \_2doB4z']")).click();**

**//Step-I:Identify an Element and Store into an object**

**WebElement cart=driver.findElement(By.xpath("//a[@class='\_3SkBxJ']"));**

**//Step-II:Create Object of Actions Class**

**Actions act=new Actions(driver);**

**//Call the Methods(Left Click Action)**

**act.click(cart).perform();**

**}**

**}**

**[10:24 AM, 10/10/2022] Viraj Sir Velocity Automation: package Actions\_Class;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.interactions.Actions;**

**public class Test4**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://demo.guru99.com/test/simple\_context\_menu.html");**

**driver.manage().window().maximize();**

**//wait**

**Thread.sleep(2000);**

**//Step-I:Identify an Element and Store into an object**

**WebElement button=driver.findElement(By.xpath("//button[text()='Double-Click Me To See Alert']"));**

**//Step-II:Create Object of Actions Class**

**Actions act=new Actions(driver);**

**//Call the Methods(double Click Action)**

**act.doubleClick(button).perform();**

**}**

**}**

**[10:25 AM, 10/10/2022] Viraj Sir Velocity Automation: package Actions\_Class;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.interactions.Actions;**

**public class Test5**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://demo.guru99.com/test/drag\_drop.html");**

**driver.manage().window().maximize();**

**//wait**

**Thread.sleep(2000);**

**//Step-I:Identify an Element and Store into an object**

**WebElement Source=driver.findElement(By.xpath("//a[text()=' 5000']"));**

**WebElement Destination=driver.findElement(By.xpath("(//li[@class='placeholder'])[4]"));**

**//Step-II:Create Object of Actions Class**

**Actions act=new Actions(driver);**

**//wait**

**Thread.sleep(2000);**

**//Call the Methods(Drag and drop Action)**

**act.dragAndDrop(Source, Destination).perform();**

**}**

**}**

**11/10/2022**

**package logical\_Program;**

**public class Armstrong\_No**

**{**

**public static void main(String[] args)**

**{**

**int org=153; //1^3 + 5^3 + 3^3**

**//1 + 125 + 27=153**

**int sum=0; //153**

**//i=153 153>0 i=153/10=15.3**

**//15>0 i=15/10=1.5**

**//1>0 i=1/10=0.1**

**//0>0**

**for(int i=org; i>0; i=i/10)**

**{**

**//1 % 10=1**

**int Rem=i % 10;**

**sum= sum + (Rem\*Rem\*Rem); //153**

**}**

**//153==153**

**if(org==sum)**

**{**

**System.out.println("Given no is an Armstrong no");**

**}**

**else**

**{**

**System.out.println("Given no is not an Armstrong no");**

**}**

**}**

**}**

**package logical\_Program;**

**public class Reverse\_No**

**{**

**public static void main(String[] args)**

**{**

**int org=1234; //4321**

**int rev=0; //4321**

**//i=1234 1234>0 i=1234/10=123.4**

**//123>0 i=123/10=12.3**

**//12>0 i=12/10=1.2**

**//1>0 i=1/10=0.1**

**//0>0**

**for(int i=org; i>0; i=i/10)**

**{**

**//1 % 10=1**

**int Rem = i % 10;**

**rev = rev\*10 + Rem; //4321**

**}**

**System.out.println(rev);**

**}**

**}**

**[10:40 AM, 10/11/2022] Viraj Sir Velocity Automation: package Customized\_Listbox;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.Keys;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.interactions.Actions;**

**public class Test1**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//Click create new Account Button**

**driver.findElement(By.xpath("//a[text()='Create New Account']")).click();**

**//wait**

**Thread.sleep(5000);**

**//Step-I:Identify listbox and store it into an object**

**WebElement Month=driver.findElement(By.id("month"));**

**//Step-II:Create Object of Actions Class**

**Actions act=new Actions(driver);**

**//Step-III:call the method**

**act.click(Month).perform(); //oct**

**//wait**

**Thread.sleep(2000);**

**//To move one step Upword**

**act.sendKeys(Keys.ARROW\_DOWN).perform(); //sep**

**act.sendKeys(Keys.ARROW\_UP).perform(); //Aug**

**}**

**}**

**[10:40 AM, 10/11/2022] Viraj Sir Velocity Automation: package Customized\_Listbox;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.Keys;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.interactions.Actions;**

**public class Test2**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//Click create new Account Button**

**driver.findElement(By.xpath("//a[text()='Create New Account']")).click();**

**//wait**

**Thread.sleep(5000);**

**//Step-I:Identify listbox and store it into an object**

**WebElement Month=driver.findElement(By.id("month"));**

**//Step-II:Create Object of Actions Class**

**Actions act=new Actions(driver);**

**//Step-III:call the method**

**act.click(Month).perform(); //oct**

**//wait**

**Thread.sleep(2000);**

**//To move one step Upword**

**act.sendKeys(Keys.ARROW\_UP).perform(); //sep**

**act.sendKeys(Keys.ARROW\_UP).perform(); //Aug**

**//wait**

**Thread.sleep(2000);**

**//To move one step downword**

**act.sendKeys(Keys.ARROW\_DOWN).perform(); //sep**

**act.sendKeys(Keys.ARROW\_DOWN).perform();//oct**

**act.sendKeys(Keys.ARROW\_DOWN).perform();//Nov**

**act.sendKeys(Keys.ARROW\_DOWN).perform();//dec**

**//To select perticular option**

**act.sendKeys(Keys.ENTER).perform();//dec**

**}**

**}**

**[10:41 AM, 10/11/2022] Viraj Sir Velocity Automation: package Customized\_Listbox;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.Keys;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.interactions.Actions;**

**public class Test3**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//Click create new Account Button**

**driver.findElement(By.xpath("//a[text()='Create New Account']")).click();**

**//wait**

**Thread.sleep(5000);**

**//Step-I:Identify listbox and store it into an object**

**WebElement Month=driver.findElement(By.id("month"));**

**//Step-II:Create Object of Actions Class**

**Actions act=new Actions(driver);**

**//Step-III:call the method**

**act.click(Month).perform(); //oct**

**//wait**

**Thread.sleep(2000);**

**act.sendKeys(Keys.HOME).perform(); //Jan**

**//wait**

**Thread.sleep(2000);**

**for(int i=1; i<=4; i++)**

**{**

**act.sendKeys(Keys.ARROW\_DOWN).perform();**

**}**

**//wait**

**Thread.sleep(2000);**

**//To select perticular option**

**act.sendKeys(Keys.ENTER).perform();**

**}**

**}**

**[10:41 AM, 10/11/2022] Viraj Sir Velocity Automation: package Customized\_Listbox;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.Keys;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.interactions.Actions;**

**public class Test4**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com");**

**//wait**

**Thread.sleep(2000);**

**//Click create new Account Button**

**driver.findElement(By.xpath("//a[text()='Create New Account']")).click();**

**//wait**

**Thread.sleep(5000);**

**//Step-I:Identify listbox and store it into an object**

**WebElement Month=driver.findElement(By.id("month"));**

**//Step-II:Create Object of Actions Class**

**Actions act=new Actions(driver);**

**//Step-III:call the method**

**act.click(Month).perform(); //oct**

**//wait**

**Thread.sleep(2000);**

**act.sendKeys(Keys.END).perform(); //Dec**

**//wait**

**Thread.sleep(2000);**

**for(int i=1; i<=7; i++)**

**{**

**act.sendKeys(Keys.ARROW\_UP).perform();**

**}**

**//wait**

**Thread.sleep(2000);**

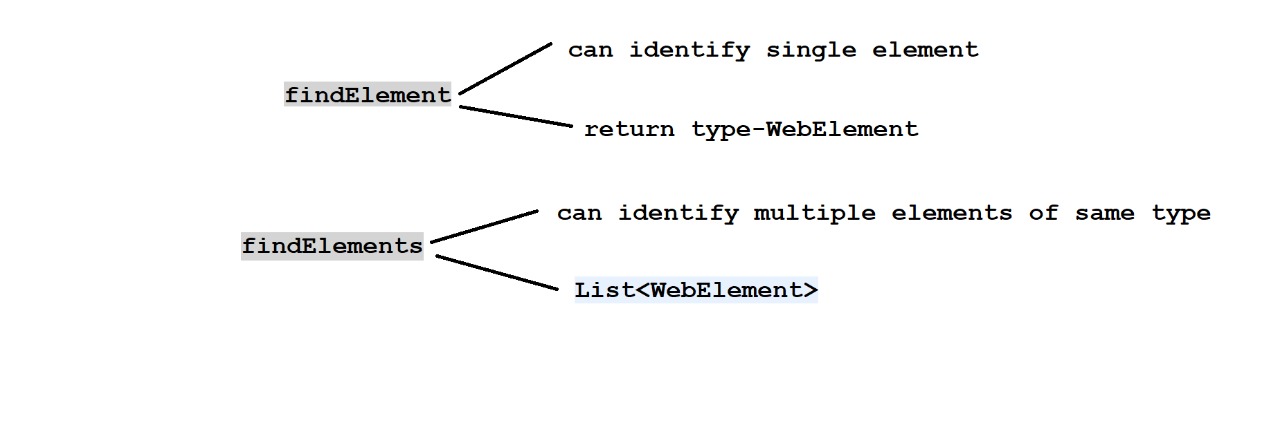
**//To select perticular option**

**act.sendKeys(Keys.ENTER).perform();**

**}**

**}**

**12/10/2022**

****

**[10:44 AM, 10/12/2022] Viraj Sir Velocity Automation: package Handling\_Of\_Dynamic\_Element;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Sample1**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.flipkart.com/");**

**driver.manage().window().maximize();**

**//wait**

**Thread.sleep(2000);**

**//Close hidden division pop-up**

**driver.findElement(By.xpath("//button[@class='\_2KpZ6l \_2doB4z']")).click();**

**//wait**

**Thread.sleep(2000);**

**//Enter "redmi note 10s"**

**driver.findElement(By.xpath("//input[@class='\_3704LK']")).sendKeys("redmi note 10s");**

**//wait**

**Thread.sleep(2000);**

**//Click search button**

**driver.findElement(By.xpath("//button[@class='L0Z3Pu']")).click();**

**//wait**

**Thread.sleep(2000);**

**//Identify Rating element**

**WebElement Rating=driver.findElement(By.xpath("((//div[@class='\_2kHMtA'])[1]//span)[6]"));**

**String RatingofElement=Rating.getText();**

**System.out.println(RatingofElement);**

**}**

**}**

**[10:45 AM, 10/12/2022] Viraj Sir Velocity Automation: package Handling\_of\_MultipleElements;**

**import java.util.List;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Test1**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com/");**

**driver.manage().window().maximize();**

**//wait**

**Thread.sleep(2000);**

**//To Identify links**

**List<WebElement> AllLinks=driver.findElements(By.xpath("//a"));**

**for(WebElement Link:AllLinks) //signup login messenger**

**{**

**System.out.println(Link.getText());**

**}**

**}**

**}**

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[**C:\Users\Admin\Downloads\Table1.html**](file:///C:\Users\Admin\Downloads\Table1.html)

**[10:41 AM, 10/13/2022] Viraj Sir Velocity Automation: package WebTable;**

**import java.util.List;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Test1**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("file:///D:/21%20may/Locators/Table1.html");**

**//wait**

**Thread.sleep(2000);**

**//Find row size of the table**

**List<WebElement> Rows=driver.findElements(By.xpath("//table[@id='1234']//tr"));**

**int S1=Rows.size();**

**System.out.println(S1);**

**}**

**}**

**[10:41 AM, 10/13/2022] Viraj Sir Velocity Automation: package WebTable;**

**import java.util.List;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Test2**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("file:///D:/21%20may/Locators/Table1.html");**

**//wait**

**Thread.sleep(2000);**

**//Find Column size of Row 4**

**List<WebElement> Column=driver.findElements(By.xpath("//table[@id='1234']//tr[4]/td"));**

**int S1= Column.size();**

**System.out.println(S1);**

**}**

**}**

**[10:41 AM, 10/13/2022] Viraj Sir Velocity Automation: package WebTable;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Test3**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("file:///D:/21%20may/Locators/Table1.html");**

**//wait**

**Thread.sleep(2000);**

**//fetch "Java"**

**WebElement Text=driver.findElement(By.xpath("//table[@id='1234']//tr[3]/td[2]"));**

**String S1=Text.getText();**

**System.out.println(S1);**

**}**

**}**

**[10:42 AM, 10/13/2022] Viraj Sir Velocity Automation: package WebTable;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Test4**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("file:///D:/21%20may/Locators/Table1.html");**

**//wait**

**Thread.sleep(2000);**

**//fetch "300"**

**WebElement Text=driver.findElement(By.xpath("//table[@id='1234']//tr[4]/td[3]"));**

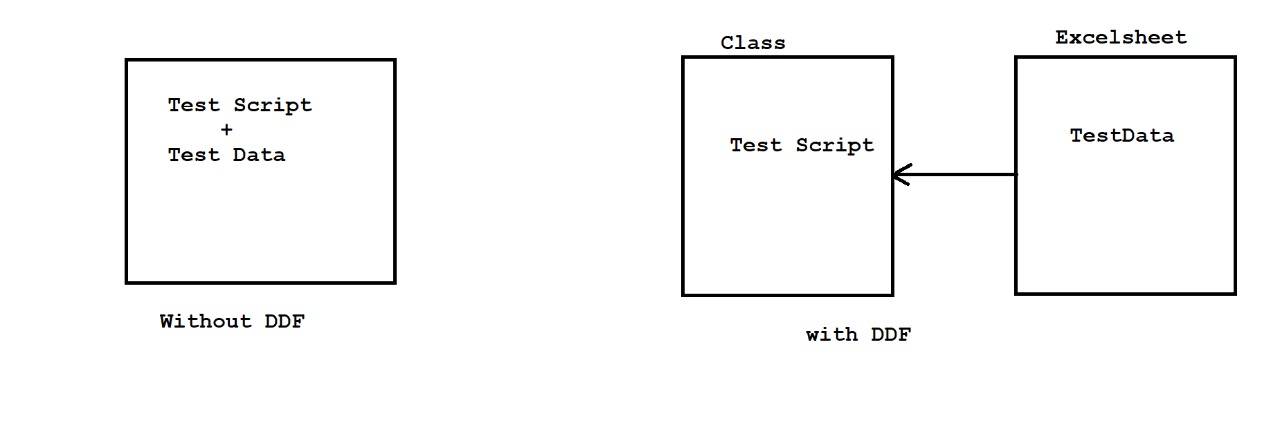
**String S1=Text.getText(); //"300"**

**System.out.println(S1);**

**}**

**}**

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****

**package Framework;**

**import java.util.concurrent.TimeUnit;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Sample1**

**{**

**//Without DDF**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");**

**driver.manage().window().maximize();**

**//wait**

**driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);**

**//Enter UN**

**driver.findElement(By.xpath("//input[@name='username']")).sendKeys("Admin");**

**//wait**

**Thread.sleep(2000);**

**//Enter Password**

**driver.findElement(By.xpath("//input[@name='password']")).sendKeys("admin123");**

**//wait**

**Thread.sleep(2000);**

**//click login Button**

**driver.findElement(By.xpath("//button[text()=' Login ']")).click();**

**//Test Case-I:Verify UserName**

**String ExpectedUserName="Paul Collings";**

**WebElement Address=driver.findElement(By.xpath("//span[@class='oxd-userdropdown-tab']"));**

**String ActualUserName=Address.getText();**

**//Paul Collings //Paul Collings**

**if(ExpectedUserName.equals(ActualUserName))**

**{**

**System.out.println("Pass");**

**}**

**else**

**{**

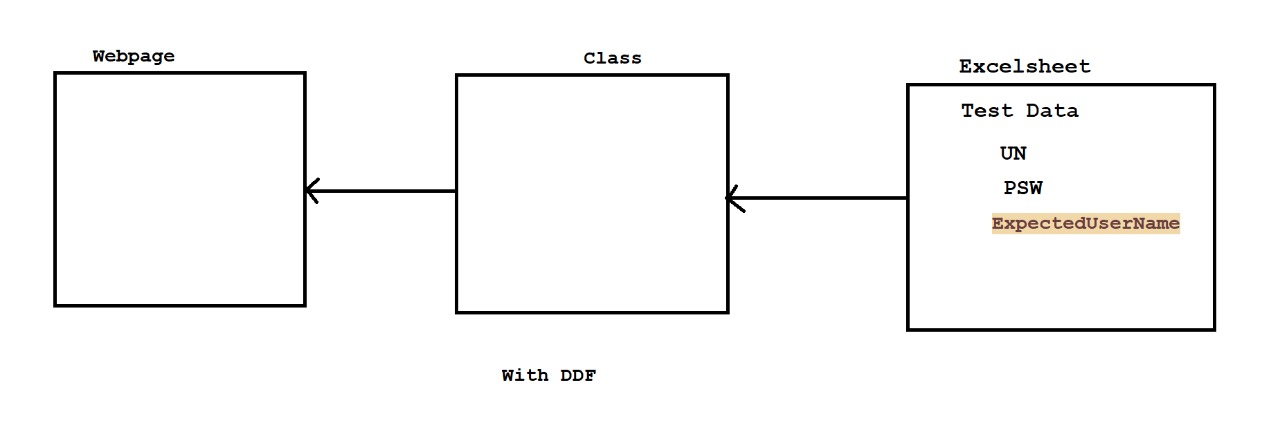
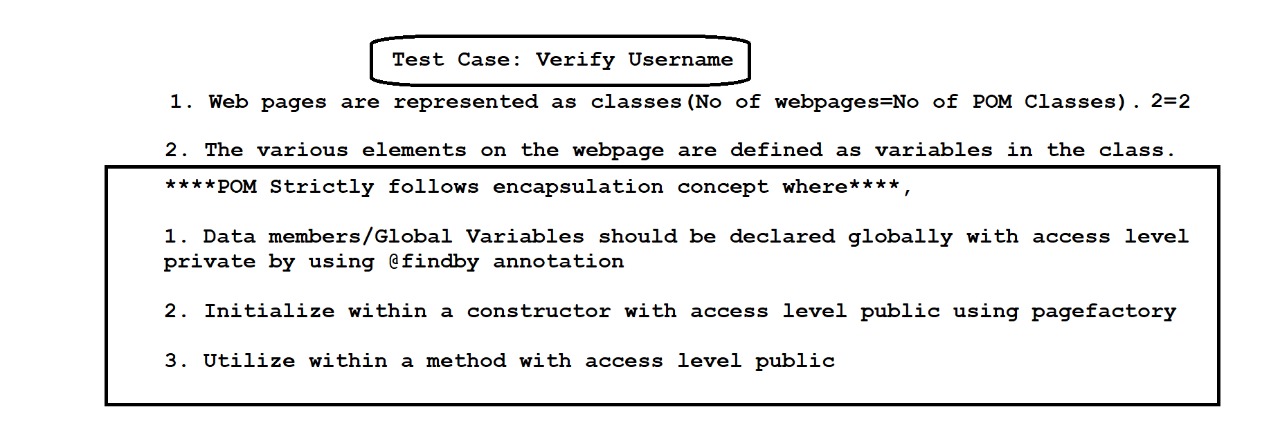
**System.out.println("Fail");**

**}**

**}**

**}**

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****

**[9:38 AM, 10/15/2022] Viraj Sir Velocity Automation: package POM;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.support.FindBy;**

**import org.openqa.selenium.support.PageFactory;**

**public class OrangeHRMLoginPage1**

**{**

**//POM-I**

**//1. Data members/Global Variables should be declared globally with access level private by using @findby Annotation**

**@FindBy(xpath="//input[@name='username']") private WebElement UN; //private WebElement UN=driver.findElement(By.xpath("//input[@name='username']"));**

**@FindBy(xpath="//input[@name='password']") private WebElement PSW; //private WebElement PSW=driver.findElement(By.xpath("//input[@name='password']"));**

**@FindBy(xpath="//button[text()=' Login ']") private WebElement LoginBtn; //private WebElement LoginBtn=driver.findElement(By.xpath("//button[text()=' Login ']"));**

**//2. Initialize within a constructor with access level public using pagefactory**

**public OrangeHRMLoginPage1(WebDriver driver)**

**{**

**PageFactory.initElements(driver, this);**

**}**

**//3. Utilize within a method with access level public**

**public void EnterUsername()**

**{**

**UN.sendKeys("Admin");**

**}**

**public void EnterPassword()**

**{**

**PSW.sendKeys("admin123");**

**}**

**public void Clickloginbtn()**

**{**

**LoginBtn.click();**

**}**

**}**

**[9:38 AM, 10/15/2022] Viraj Sir Velocity Automation: package POM;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.support.FindBy;**

**import org.openqa.selenium.support.PageFactory;**

**public class OrangeHRMPIMpage1**

**{**

**//POM-II**

**//1. Data members/Global Variables should be declared globally with access level private by using @findby**

**@FindBy(xpath="//span[@class='oxd-userdropdown-tab']") private WebElement UserName; //private WebElement UserName=driver.findElement(By.xpath("//span[@class='oxd-userdropdown-tab']"));**

**//2. Initialize within a constructor with access level public using pagefactory**

**public OrangeHRMPIMpage1(WebDriver driver)**

**{**

**PageFactory.initElements(driver, this);**

**}**

**//3. Utilize within a method with access level public**

**public void verifyUsername()**

**{**

**String ExpectedUsername="Paul Collings";**

**String ActualUsername=UserName.getText();**

**if(ExpectedUsername.equals(ActualUsername))**

**{**

**System.out.println("Pass");**

**}**

**else**

**{**

**System.out.println("Fail");**

**}**

**}**

**}**

**[9:38 AM, 10/15/2022] Viraj Sir Velocity Automation: package POM;**

**import java.util.concurrent.TimeUnit;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class OrangeHRM\_TestClass**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");**

**driver.manage().window().maximize();**

**driver.manage().timeouts().implicitlyWait(10,TimeUnit.SECONDS);**

**//Create Object of POM-I**

**OrangeHRMLoginPage1 Login1=new OrangeHRMLoginPage1(driver);**

**Login1.EnterUsername();**

**//wait**

**Thread.sleep(2000);**

**Login1.EnterPassword();**

**//wait**

**Thread.sleep(2000);**

**Login1.Clickloginbtn();**

**//Create Object of POM-II**

**OrangeHRMPIMpage1 PIM1=new OrangeHRMPIMpage1(driver);**

**//wait**

**Thread.sleep(2000);**

**PIM1.verifyUsername();**

**//wait**

**Thread.sleep(2000);**

**driver.close();**

**}**

**}**

**[9:43 AM, 10/15/2022] Viraj Sir Velocity Automation: package Framework;**

**import java.io.FileInputStream;**

**import java.io.FileNotFoundException;**

**import java.io.IOException;**

**import java.util.concurrent.TimeUnit;**

**import org.apache.poi.EncryptedDocumentException;**

**import org.apache.poi.ss.usermodel.Sheet;**

**import org.apache.poi.ss.usermodel.WorkbookFactory;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Sample2**

**{**

**//With DDF**

**public static void main(String[] args) throws InterruptedException, EncryptedDocumentException, IOException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");**

**driver.manage().window().maximize();**

**//wait**

**driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);**

**//To reach Upto Excelsheet**

**FileInputStream file=new FileInputStream("D:\\11 june\\Parameterization\\11\_June\_A\_Morning.xlsx");**

**Sheet Sh=WorkbookFactory.create(file).getSheet("Sheet11");**

**//Enter UN**

**String Username=Sh.getRow(0).getCell(0).getStringCellValue();**

**driver.findElement(By.xpath("//input[@name='username']")).sendKeys(Username); //Admin**

**//wait**

**Thread.sleep(2000);**

**//Enter Password**

**String Password=Sh.getRow(0).getCell(1).getStringCellValue();**

**driver.findElement(By.xpath("//input[@name='password']")).sendKeys(Password); //admin123**

**//wait**

**Thread.sleep(2000);**

**//click login Button**

**driver.findElement(By.xpath("//button[text()=' Login ']")).click();**

**//Test Case-I:Verify UserName**

**String ExpectedUserName=Sh.getRow(0).getCell(2).getStringCellValue();**

**WebElement Address=driver.findElement(By.xpath("//span[@class='oxd-userdropdown-tab']"));**

**String ActualUserName=Address.getText();**

**//Paul Collings //Paul Collings**

**if(ExpectedUserName.equals(ActualUserName))**

**{**

**System.out.println("Pass");**

**}**

**else**

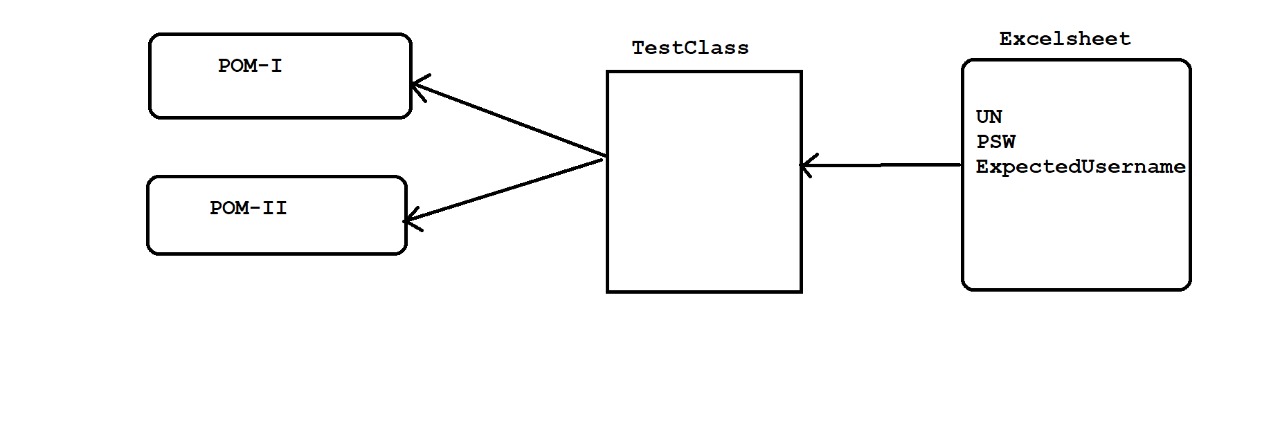
**{**

**System.out.println("Fail");**

**}**

**}**

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****

**[9:25 AM, 10/16/2022] Viraj Sir Velocity Automation: package POM\_DDF;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.support.FindBy;**

**import org.openqa.selenium.support.PageFactory;**

**public class OrangeHRMLoginPage1**

**{**

**//POM-I**

**//1. Data members/Global Variables should be declared globally with access level private by using @findby Annotation**

**@FindBy(xpath="//input[@name='username']") private WebElement UN; //private WebElement UN=driver.findElement(By.xpath("//input[@name='username']"));**

**@FindBy(xpath="//input[@name='password']") private WebElement PSW; //private WebElement PSW=driver.findElement(By.xpath("//input[@name='password']"));**

**@FindBy(xpath="//button[text()=' Login ']") private WebElement LoginBtn; //private WebElement LoginBtn=driver.findElement(By.xpath("//button[text()=' Login ']"));**

**//2. Initialize within a constructor with access level public using pagefactory**

**public OrangeHRMLoginPage1(WebDriver driver)**

**{**

**PageFactory.initElements(driver, this);**

**}**

**//3. Utilize within a method with access level public**

**public void EnterUsername(String Username) //Admin**

**{**

**UN.sendKeys(Username); //Admin**

**}**

**public void EnterPassword(String Password) //admin123**

**{**

**PSW.sendKeys(Password); //admin123**

**}**

**public void Clickloginbtn()**

**{**

**LoginBtn.click();**

**}**

**}**

**[9:26 AM, 10/16/2022] Viraj Sir Velocity Automation: package POM\_DDF;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.support.FindBy;**

**import org.openqa.selenium.support.PageFactory;**

**public class OrangeHRMPIMpage1**

**{**

**//POM-II**

**//1. Data members/Global Variables should be declared globally with access level private by using @findby**

**@FindBy(xpath="//span[@class='oxd-userdropdown-tab']") private WebElement UserName; //private WebElement UserName=driver.findElement(By.xpath("//span[@class='oxd-userdropdown-tab']"));**

**//2. Initialize within a constructor with access level public using pagefactory**

**public OrangeHRMPIMpage1(WebDriver driver)**

**{**

**PageFactory.initElements(driver, this);**

**}**

**//3. Utilize within a method with access level public**

**public void verifyUsername(String ExpectedUsername) //Paul Collings**

**{**

**String ActualUsername=UserName.getText();**

**if(ExpectedUsername.equals(ActualUsername))**

**{**

**System.out.println("Pass");**

**}**

**else**

**{**

**System.out.println("Fail");**

**}**

**}**

**}**

**[9:26 AM, 10/16/2022] Viraj Sir Velocity Automation: package POM\_DDF;**

**import java.io.FileInputStream;**

**import java.io.FileNotFoundException;**

**import java.io.IOException;**

**import java.util.concurrent.TimeUnit;**

**import org.apache.poi.EncryptedDocumentException;**

**import org.apache.poi.ss.usermodel.Sheet;**

**import org.apache.poi.ss.usermodel.WorkbookFactory;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class OrangeHRM\_TestClass**

**{**

**public static void main(String[] args) throws InterruptedException, EncryptedDocumentException, IOException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");**

**driver.manage().window().maximize();**

**driver.manage().timeouts().implicitlyWait(10,TimeUnit.SECONDS);**

**//To reach Upto Excelsheet**

**FileInputStream file=new FileInputStream("D:\\11 june\\Parameterization\\11\_June\_A\_Morning.xlsx");**

**Sheet Sh=WorkbookFactory.create(file).getSheet("Sheet11");**

**//Create Object of POM-I**

**OrangeHRMLoginPage1 Login1=new OrangeHRMLoginPage1(driver);**

**String Username=Sh.getRow(0).getCell(0).getStringCellValue(); //Admin**

**Login1.EnterUsername(Username); //Admin**

**//wait**

**Thread.sleep(2000);**

**String Password=Sh.getRow(0).getCell(1).getStringCellValue(); //admin123**

**Login1.EnterPassword(Password);//admin123**

**//wait**

**Thread.sleep(2000);**

**Login1.Clickloginbtn();**

**//Create Object of POM-II**

**OrangeHRMPIMpage1 PIM1=new OrangeHRMPIMpage1(driver);**

**//wait**

**Thread.sleep(2000);**

**String ExpectedUsername=Sh.getRow(0).getCell(2).getStringCellValue();//Paul Collings**

**PIM1.verifyUsername(ExpectedUsername);//Paul Collings**

**//wait**

**Thread.sleep(2000);**

**driver.close();**

**}**

**}**

**[9:27 AM, 10/16/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Normal\_Class**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");**

**driver.manage().window().maximize();**

**}**

**}**

**[9:27 AM, 10/16/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.testng.annotations.Test;**

**public class TestNG\_Class**

**{**

**@Test**

**public void TC1() throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://www.facebook.com/");**

**driver.manage().window().maximize();**

**}**

**}**

**[9:27 AM, 10/16/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Assert;**

**import org.testng.Reporter;**

**import org.testng.annotations.Test;**

**public class Emailable\_Report**

**{**

**@Test //Test Case/Method**

**public void TC1()**

**{**

**Reporter.log("Running TC1",true);**

**}**

**@Test //Test Case/Method**

**public void TC2()**

**{**

**Reporter.log("Running TC2",true);**

**}**

**@Test //Test Case/Method**

**public void TC3()**

**{**

**Reporter.log("Running TC3",false);**

**}**

**@Test //Test Case/Method**

**public void TC4()**

**{**

**Reporter.log("Running TC4");**

**}**

**}**

**[9:28 AM, 10/16/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Reporter;**

**import org.testng.annotations.Test;**

**public class keyword1**

**{**

**@Test(invocationCount=10) //Test Case/Method**

**public void TC1()**

**{**

**Reporter.log("Running TC1",true);**

**}**

**}**

**[9:32 AM, 10/16/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Reporter;**

**import org.testng.annotations.Test;**

**public class Keyword2**

**{**

**@Test (priority=2) //Test Case/Method**

**public void TC1()**

**{**

**Reporter.log("Running TC1",true);**

**}**

**@Test (priority=1) //Test Case/Method**

**public void TC2()**

**{**

**Reporter.log("Running TC2",true);**

**}**

**}**

**[9:32 AM, 10/16/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Reporter;**

**import org.testng.annotations.Test;**

**public class keyword3**

**{**

**@Test (priority=2) //Test Case/Method**

**public void TC1()**

**{**

**Reporter.log("Running TC1",true);**

**}**

**@Test (priority=1) //Test Case/Method**

**public void TC2()**

**{**

**Reporter.log("Running TC2",true);**

**}**

**@Test //Test Case/Method---->bydefault 0**

**public void TC3()**

**{**

**Reporter.log("Running TC3",true);**

**}**

**}**

**[9:32 AM, 10/16/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Reporter;**

**import org.testng.annotations.Test;**

**public class Keyword4**

**{**

**@Test (priority=2) //Test Case/Method**

**public void TC1()**

**{**

**Reporter.log("Running TC1",true);**

**}**

**@Test (priority=1) //Test Case/Method**

**public void TC2()**

**{**

**Reporter.log("Running TC2",true);**

**}**

**@Test //Test Case/Method---->bydefault 0**

**public void TC3()**

**{**

**Reporter.log("Running TC3",true);**

**}**

**@Test //Test Case/Method---->bydefault 0**

**public void TC4()**

**{**

**Reporter.log("Running TC4",true);**

**}**

**}**

**[9:33 AM, 10/16/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Reporter;**

**import org.testng.annotations.Test;**

**public class Keyword5**

**{**

**@Test (priority=2) //Test Case/Method**

**public void TC1()**

**{**

**Reporter.log("Running TC1",true);**

**}**

**@Test (priority=1) //Test Case/Method**

**public void TC2()**

**{**

**Reporter.log("Running TC2",true);**

**}**

**@Test (priority=1) //Test Case/Method---->bydefault 0**

**public void TC3()**

**{**

**Reporter.log("Running TC3",true);**

**}**

**@Test //Test Case/Method---->bydefault 0**

**public void TC4()**

**{**

**Reporter.log("Running TC4",true);**

**}**

**}**

**[9:33 AM, 10/16/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Reporter;**

**import org.testng.annotations.Test;**

**public class Keyword6**

**{**

**@Test (priority=2) //Test Case/Method**

**public void TC1()**

**{**

**Reporter.log("Running TC1",true);**

**}**

**@Test (priority=1) //Test Case/Method**

**public void TC2()**

**{**

**Reporter.log("Running TC2",true);**

**}**

**@Test (priority=1) //Test Case/Method**

**public void TC3()**

**{**

**Reporter.log("Running TC3",true);**

**}**

**@Test //Test Case/Method---->bydefault 0**

**public void TC4()**

**{**

**Reporter.log("Running TC4",true);**

**}**

**@Test(priority=-1) //Test Case/Method**

**public void TC5()**

**{**

**Reporter.log("Running TC5",true);**

**}**

**}**

**[9:33 AM, 10/16/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Reporter;**

**import org.testng.annotations.Test;**

**public class Keyword7**

**{**

**@Test(timeOut=4000) //Test Case/Method**

**public void TC1() throws InterruptedException**

**{**

**//Thread.sleep(5000);**

**Reporter.log("Running TC1",true);**

**}**

**@Test //Test Case/Method**

**public void TC2()**

**{**

**Reporter.log("Running TC2",true);**

**}**

**}**

**[9:33 AM, 10/16/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Reporter;**

**import org.testng.annotations.Test;**

**public class keyword8**

**{**

**@Test //Test Case/Method**

**public void Login()**

**{**

**Reporter.log("Login TC",true);**

**}**

**@Test(dependsOnMethods={"Login"}) //Test Case/Method**

**public void Logout()**

**{**

**Reporter.log("Logout TC",true);**

**}**

**}**

**[9:34 AM, 10/16/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Assert;**

**import org.testng.Reporter;**

**import org.testng.annotations.Test;**

**public class keyword9**

**{**

**@Test //Test Case/Method**

**public void Login()**

**{**

**//Assert.fail();**

**Reporter.log("Login TC",true);**

**}**

**@Test(dependsOnMethods={"Login"}) //Test Case/Method**

**public void Logout()**

**{**

**Reporter.log("Logout TC",true);**

**}**

**}**

**[9:34 AM, 10/16/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Reporter;**

**import org.testng.annotations.Test;**

**public class Keyword10**

**{**

**@Test(enabled=false) //Test Case/Method**

**public void TC1()**

**{**

**Reporter.log("Running TC1",true);**

**}**

**@Test //Test Case/Method**

**public void TC2()**

**{**

**Reporter.log("Running TC2",true);**

**}**

**}**

**}**

**17/10/2022**

**[9:08 AM, 10/17/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Reporter;**

**import org.testng.annotations.AfterClass;**

**import org.testng.annotations.AfterMethod;**

**import org.testng.annotations.BeforeClass;**

**import org.testng.annotations.BeforeMethod;**

**import org.testng.annotations.Test;**

**public class Annotation1**

**{**

**@BeforeClass**

**public void OpenBrowser()**

**{**

**Reporter.log("Open Browser",true);**

**}**

**@BeforeMethod**

**public void login()**

**{**

**Reporter.log("Login",true);**

**}**

**@Test**

**public void TC1()**

**{**

**Reporter.log("Running TC1",true);**

**}**

**@AfterMethod**

**public void logout()**

**{**

**Reporter.log("logout",true);**

**}**

**@AfterClass**

**public void CloseBrowser()**

**{**

**Reporter.log("Close Browser",true);**

**}**

**}**

**[9:08 AM, 10/17/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Reporter;**

**import org.testng.annotations.AfterClass;**

**import org.testng.annotations.AfterMethod;**

**import org.testng.annotations.BeforeClass;**

**import org.testng.annotations.BeforeMethod;**

**import org.testng.annotations.Test;**

**public class Annotation2**

**{**

**@BeforeClass**

**public void OpenBrowser()**

**{**

**Reporter.log("Open Browser",true);**

**}**

**@BeforeMethod**

**public void login()**

**{**

**Reporter.log("Login",true);**

**}**

**@Test //Test Case/Method**

**public void TC1()**

**{**

**Reporter.log("Running TC1",true);**

**}**

**@Test //Test Case/Method**

**public void TC2()**

**{**

**Reporter.log("Running TC2",true);**

**}**

**@AfterMethod**

**public void logout()**

**{**

**Reporter.log("logout",true);**

**}**

**@AfterClass**

**public void CloseBrowser()**

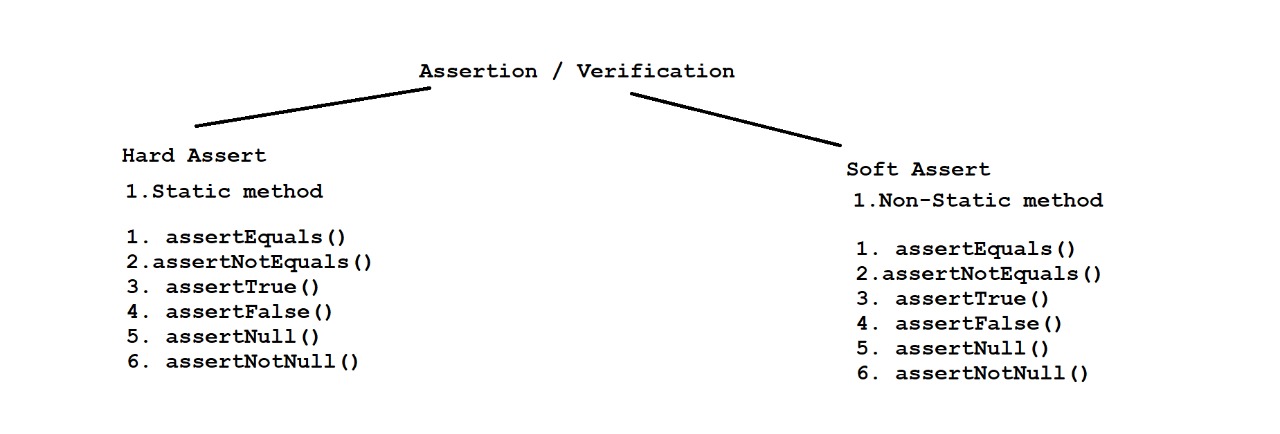
**{**

**Reporter.log("Close Browser",true);**

**}**

**}**

**18/10/2022**

****

**[10:23 AM, 10/18/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Assert;**

**import org.testng.annotations.Test;**

**public class Sample1**

**{**

**@Test**

**public void TC1()**

**{**

**String ExpectedResult="Hi";**

**String ActualResult="Hi";**

**Assert.assertEquals(ActualResult,ExpectedResult); //Hi Hi**

**}**

**@Test**

**public void TC2()**

**{**

**String ExpectedResult="Hello";**

**String ActualResult="Hi";**

**Assert.assertEquals(ActualResult,ExpectedResult);**

**}**

**}**

**[10:23 AM, 10/18/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Assert;**

**import org.testng.annotations.Test;**

**public class Sample2**

**{**

**@Test**

**public void TC1()**

**{**

**String ExpectedResult="Hello";**

**String ActualResult="Hi";**

**Assert.assertNotEquals(ActualResult,ExpectedResult); //Hi Hello**

**}**

**@Test**

**public void TC2()**

**{**

**String ExpectedResult="Hi";**

**String ActualResult="Hi";**

**Assert.assertNotEquals(ActualResult,ExpectedResult); //Hi Hi**

**}**

**}**

**[10:23 AM, 10/18/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Assert;**

**import org.testng.annotations.Test;**

**public class Sample3**

**{**

**@Test**

**public void TC1()**

**{**

**boolean ActualResult=true;**

**Assert.assertTrue(ActualResult);**

**}**

**@Test**

**public void TC2()**

**{**

**boolean ActualResult=false;**

**Assert.assertTrue(ActualResult);**

**}**

**}**

**[10:23 AM, 10/18/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Assert;**

**import org.testng.annotations.Test;**

**public class Sample4**

**{**

**@Test**

**public void TC1()**

**{**

**boolean ActualResult=false;**

**Assert.assertFalse(ActualResult);**

**}**

**@Test**

**public void TC2()**

**{**

**boolean ActualResult=true;**

**Assert.assertFalse(ActualResult);**

**}**

**}**

**[10:23 AM, 10/18/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Assert;**

**import org.testng.annotations.Test;**

**public class Sample5**

**{**

**@Test**

**public void TC1()**

**{**

**String str=null;**

**Assert.assertNull(str);**

**}**

**@Test**

**public void TC2()**

**{**

**String str="abcd";**

**Assert.assertNull(str);**

**}**

**}**

**[10:23 AM, 10/18/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Assert;**

**import org.testng.annotations.Test;**

**public class Sample6**

**{**

**@Test**

**public void TC1()**

**{**

**String str="abcd";**

**Assert.assertNotNull(str);**

**}**

**@Test**

**public void TC2()**

**{**

**String str=null;**

**Assert.assertNotNull(str);**

**}**

**}**

**[10:24 AM, 10/18/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Assert;**

**import org.testng.annotations.Test;**

**import org.testng.asserts.SoftAssert;**

**public class demo1**

**{**

**@Test**

**public void TC1()**

**{**

**SoftAssert soft=new SoftAssert();**

**String S1="Hi";**

**String S2="Hello";**

**String S3="Good Morning";**

**soft.assertEquals(S1, S2); //Fail**

**soft.assertNotEquals(S1, S2); //Pass**

**soft.assertEquals(S1, S3); //Fail**

**soft.assertNotEquals(S1, S3); //Pass**

**soft.assertAll();**

**}**

**}**

**[10:24 AM, 10/18/2022] Viraj Sir Velocity Automation: package TestNG;**

**import org.testng.Assert;**

**import org.testng.annotations.Test;**

**public class drawbacks\_of\_hardAssert**

**{**

**@Test**

**public void TC1()**

**{**

**String S1="Hi";**

**String S2="Hello";**

**String S3="Good Morning";**

**Assert.assertNotEquals(S2,S1); //Pass**

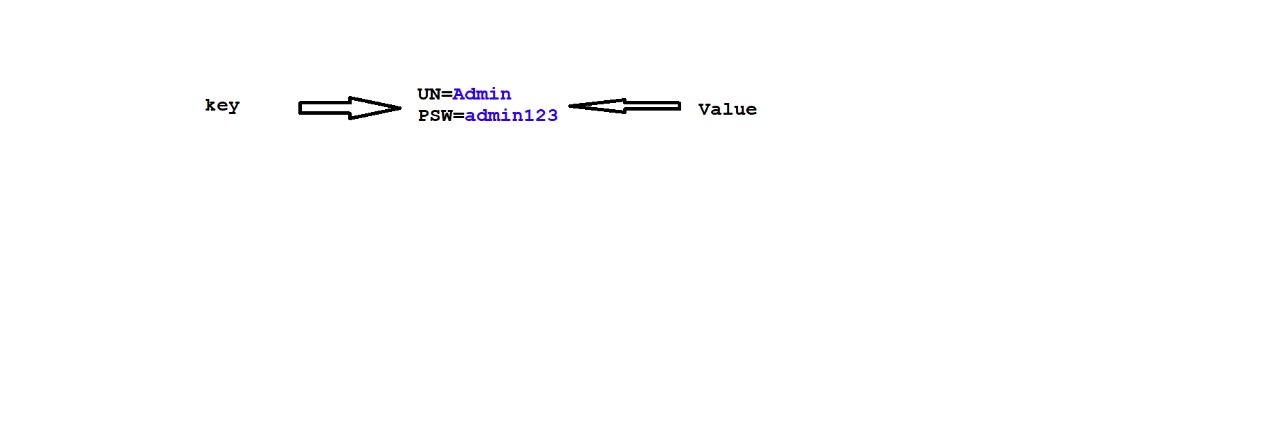
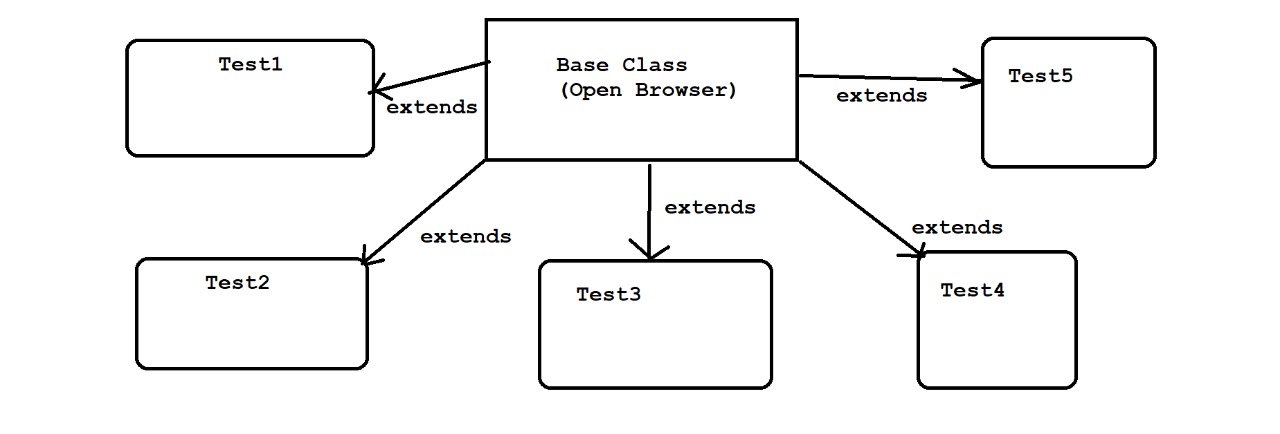
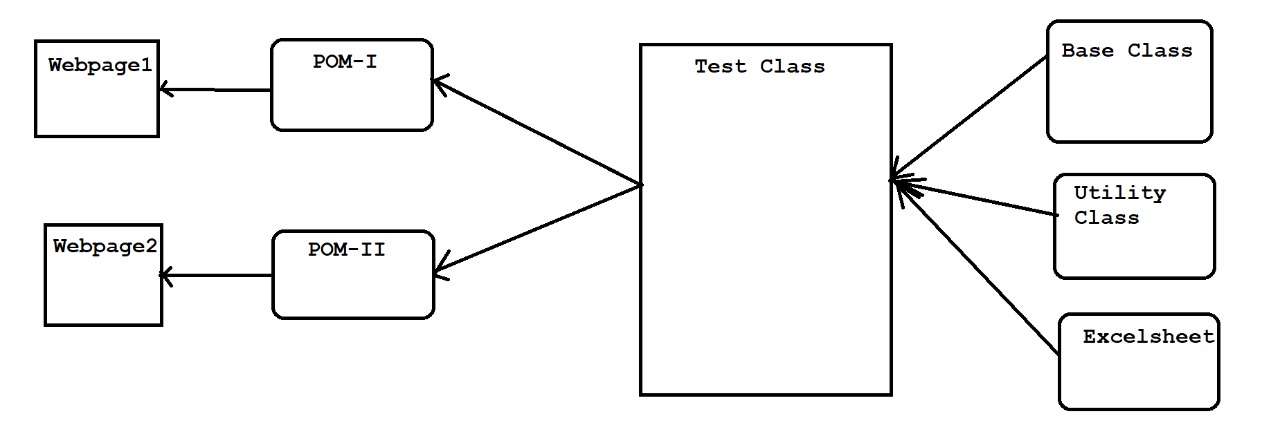
**Assert.assertEquals(S2,S1); //Fail**

**Assert.assertEquals(S3,S1); //Fail**

**Assert.assertNotEquals(S1, S3); //Pass**

**}}**

**20/10/2022**

****

**[10:56 AM, 10/20/2022] Viraj Sir Velocity Automation: package POM\_DDF\_testNG\_Base\_Class\_Utility\_class;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.support.FindBy;**

**import org.openqa.selenium.support.PageFactory;**

**public class OrangeHRMLoginPage1**

**{**

**//POM-I**

**//1. Data members/Global Variables should be declared globally with access level private by using @findby Annotation**

**@FindBy(xpath="//input[@name='username']") private WebElement UN; //private WebElement UN=driver.findElement(By.xpath("//input[@name='username']"));**

**@FindBy(xpath="//input[@name='password']") private WebElement PSW; //private WebElement PSW=driver.findElement(By.xpath("//input[@name='password']"));…**

**[10:57 AM, 10/20/2022] Viraj Sir Velocity Automation: package POM\_DDF\_testNG\_Base\_Class\_Utility\_class;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.support.FindBy;**

**import org.openqa.selenium.support.PageFactory;**

**public class OrangeHRMPIMpage1**

**{**

**//POM-II**

**//1. Data members/Global Variables should be declared globally with access level private by using @findby**

**@FindBy(xpath="//span[@class='oxd-userdropdown-tab']") private WebElement UserName; //private WebElement UserName=driver.findElement(By.xpath("//span[@class='oxd-userdropdown-tab']"));**

**//2. Initialize within a constructor with access level public using pagefactory**

**public OrangeHRMPIMpage1(WebDriver driver)**

**{**

**PageFactory.initElements(driver, this);**

**}**

**//3. Utilize within a method with access level public**

**public void verifyUsername(String ExpectedUsername) //Paul Collings**

**{**

**String ActualUsername=UserName.getText();**

**if(ExpectedUsername.equals(ActualUsername))**

**{**

**System.out.println("Pass");**

**}**

**else**

**{**

**System.out.println("Fail");**

**}**

**}**

**}**

**[10:57 AM, 10/20/2022] Viraj Sir Velocity Automation: package POM\_DDF\_testNG\_Base\_Class\_Utility\_class;**

**import java.io.IOException;**

**import org.openqa.selenium.WebDriver;**

**import org.testng.Reporter;**

**import org.testng.annotations.AfterClass;**

**import org.testng.annotations.AfterMethod;**

**import org.testng.annotations.BeforeClass;**

**import org.testng.annotations.BeforeMethod;**

**import org.testng.annotations.Test;**

**public class OrangeHRM\_TestNG\_TestClass extends Base\_Class**

**{**

**//InitializeBrowser()**

**//public WebDriver driver;**

**OrangeHRMLoginPage1 Login1;**

**OrangeHRMPIMpage1 PIMPage1;**

**@BeforeClass**

**public void OpenBrowser() throws InterruptedException**

**{**

**InitializeBrowser();**

**//Create Object of POM-I**

**Login1=new OrangeHRMLoginPage1(driver);**

**//Create Object of POM-II**

**PIMPage1=new OrangeHRMPIMpage1(driver);**

**}**

**@BeforeMethod**

**public void login() throws IOException**

**{**

**Login1.EnterUsername(UtilityClass.getdatafromPF("UN")); //Admin**

**}**

**@Test**

**public void TC1()**

**{**

**}**

**@AfterMethod**

**public void logout()**

**{**

**}**

**@AfterClass**

**public void CloseBrowser()**

**{**

**}**

**}**

**[10:57 AM, 10/20/2022] Viraj Sir Velocity Automation: package POM\_DDF\_testNG\_Base\_Class\_Utility\_class;**

**import java.util.concurrent.TimeUnit;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Base\_Class**

**{**

**public WebDriver driver;**

**public void InitializeBrowser() throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");**

**driver.manage().window().maximize();**

**driver.manage().timeouts().implicitlyWait(10,TimeUnit.SECONDS);**

**}**

**}**

**[10:57 AM, 10/20/2022] Viraj Sir Velocity Automation: package POM\_DDF\_testNG\_Base\_Class\_Utility\_class;**

**import java.io.FileInputStream;**

**import java.io.FileNotFoundException;**

**import java.io.IOException;**

**import java.util.Properties;**

**import org.testng.annotations.Test;**

**public class UtilityClass**

**{**

**//Automation TE:@Viraj**

**//Day:Thursday**

**//Date:20-10-2022**

**//Fetch data from property File**

**@Test //UN**

**public static String getdatafromPF(String key) throws IOException**

**{**

**//Reach upto property file**

**FileInputStream file=new FileInputStream("C:\\Users\\VIRAJ\\eclipse-workspace\\11\_June\_Morning\_Selenium\\propfile.properties");**

**//create object of properties class**

**Properties prop=new Properties();**

**//Open property file**

**prop.load(file);**

**//To fetch data from PF //UN**

**String value1=prop.getProperty(key); //Admin**

**return value1; //Admin**

**}**

**}**

**[10:28 AM, 10/21/2022] Viraj Sir Velocity Automation: package POM\_DDF\_testNG\_Base\_Class\_Utility\_class;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.support.FindBy;**

**import org.openqa.selenium.support.PageFactory;**

**public class OrangeHRMLoginPage1**

**{**

**//POM-I**

**//1. Data members/Global Variables should be declared globally with access level private by using @findby Annotation**

**@FindBy(xpath="//input[@name='username']") private WebElement UN; //private WebElement UN=driver.findElement(By.xpath("//input[@name='username']"));**

**@FindBy(xpath="//input[@name='password']") private WebElement PSW; //private WebElement PSW=driver.findElement(By.xpath("//input[@name='password']"));**

**@FindBy(xpath="//button[text()=' Login ']") private WebElement LoginBtn; //private WebElement LoginBtn=driver.findElement(By.xpath("//button[text()=' Login ']"));**

**//2. Initialize within a constructor with access level public using pagefactory**

**public OrangeHRMLoginPage1(WebDriver driver)**

**{**

**PageFactory.initElements(driver, this);**

**}**

**//3. Utilize within a method with access level public**

**public void EnterUsername(String Username) //Admin**

**{**

**UN.sendKeys(Username); //Admin**

**}**

**public void EnterPassword(String Password) //admin123**

**{**

**PSW.sendKeys(Password); //admin123**

**}**

**public void Clickloginbtn()**

**{**

**LoginBtn.click();**

**}**

**}**

**[10:28 AM, 10/21/2022] Viraj Sir Velocity Automation: package POM\_DDF\_testNG\_Base\_Class\_Utility\_class;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.support.FindBy;**

**import org.openqa.selenium.support.PageFactory;**

**public class OrangeHRMPIMpage1**

**{**

**//POM-II**

**//1. Data members/Global Variables should be declared globally with access level private by using @findby**

**@FindBy(xpath="//span[@class='oxd-userdropdown-tab']") private WebElement UserName; //private WebElement UserName=driver.findElement(By.xpath("//span[@class='oxd-userdropdown-tab']"));**

**@FindBy(xpath="//a[text()='Logout']") private WebElement logoutbtn;**

**//2. Initialize within a constructor with access level public using pagefactory**

**public OrangeHRMPIMpage1(WebDriver driver)**

**{**

**PageFactory.initElements(driver, this);**

**}**

**//3. Utilize within a method with access level public**

**public String getUsername()**

**{**

**String ActResult=UserName.getText();**

**return ActResult; //Paul Collings**

**}**

**public void clickOnUsername()**

**{**

**UserName.click();**

**}**

**public void clickLogoutbtn()**

**{**

**logoutbtn.click();**

**}**

**}**

**[10:28 AM, 10/21/2022] Viraj Sir Velocity Automation: package POM\_DDF\_testNG\_Base\_Class\_Utility\_class;**

**import java.io.IOException;**

**import org.apache.poi.EncryptedDocumentException;**

**import org.openqa.selenium.WebDriver;**

**import org.testng.Assert;**

**import org.testng.ITestResult;**

**import org.testng.Reporter;**

**import org.testng.annotations.AfterClass;**

**import org.testng.annotations.AfterMethod;**

**import org.testng.annotations.BeforeClass;**

**import org.testng.annotations.BeforeMethod;**

**import org.testng.annotations.Test;**

**public class OrangeHRM\_TestNG\_TestClass extends Base\_Class**

**{**

**//InitializeBrowser()**

**//public WebDriver driver;**

**OrangeHRMLoginPage1 Login1;**

**OrangeHRMPIMpage1 PIMPage1;**

**int TestCaseID; //200**

**@BeforeClass**

**public void OpenBrowser() throws InterruptedException**

**{**

**InitializeBrowser();**

**//Create Object of POM-I**

**Login1=new OrangeHRMLoginPage1(driver);**

**//Create Object of POM-II**

**PIMPage1=new OrangeHRMPIMpage1(driver);**

**}**

**@BeforeMethod**

**public void login() throws IOException**

**{**

**Login1.EnterUsername(UtilityClass.getdatafromPF("UN")); //Admin**

**Login1.EnterPassword(UtilityClass.getdatafromPF("PSW")); //admin123**

**Login1.Clickloginbtn();**

**}**

**@Test(priority=1)**

**public void verifyUserName() throws EncryptedDocumentException, IOException**

**{**

**TestCaseID=100;**

**String ActualUserName=PIMPage1.getUsername(); //Paul Collings**

**String ExpectedUserName=UtilityClass.getdatafromExcel(0,0); //Collings**

**Assert.assertEquals(ActualUserName, ExpectedUserName);**

**}**

**@Test(priority=2)**

**public void VerifyTitle() throws EncryptedDocumentException, IOException**

**{**

**TestCaseID=200;**

**String ActualTitle=driver.getTitle();**

**String ExpectedTitle=UtilityClass.getdatafromExcel(0, 1); //OrangeHRM**

**Assert.assertEquals(ActualTitle, ExpectedTitle);**

**}**

**@AfterMethod**

**public void logout(ITestResult Result) throws IOException //Pass // fail**

**{**

**////Pass //fail**

**if(Result.getStatus()==ITestResult.FAILURE)**

**{**

**UtilityClass.CaptureSceeenshot(driver, TestCaseID); //200**

**}**

**PIMPage1.clickOnUsername();**

**PIMPage1.clickLogoutbtn();**

**}**

**@AfterClass**

**public void CloseBrowser()**

**{**

**driver.close();**

**}**

**}**

**[10:28 AM, 10/21/2022] Viraj Sir Velocity Automation: package POM\_DDF\_testNG\_Base\_Class\_Utility\_class;**

**import java.util.concurrent.TimeUnit;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Base\_Class**

**{**

**public WebDriver driver;**

**public void InitializeBrowser() throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**driver=new ChromeDriver();**

**//wait**

**Thread.sleep(2000);**

**driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");**

**driver.manage().window().maximize();**

**driver.manage().timeouts().implicitlyWait(10,TimeUnit.SECONDS);**

**}**

**}**

**[10:28 AM, 10/21/2022] Viraj Sir Velocity Automation: package POM\_DDF\_testNG\_Base\_Class\_Utility\_class;**

**import java.io.File;**

**import java.io.FileInputStream;**

**import java.io.FileNotFoundException;**

**import java.io.IOException;**

**import java.util.Properties;**

**import org.apache.poi.EncryptedDocumentException;**

**import org.apache.poi.ss.usermodel.Sheet;**

**import org.apache.poi.ss.usermodel.WorkbookFactory;**

**import org.openqa.selenium.OutputType;**

**import org.openqa.selenium.TakesScreenshot;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.io.FileHandler;**

**import org.testng.annotations.Test;**

**public class UtilityClass**

**{**

**//Automation TE:@Viraj**

**//Day:Thursday**

**//Date:20-10-2022**

**//Fetch data from property File**

**@Test //UN //PSW**

**public static String getdatafromPF(String key) throws IOException**

**{**

**//Reach upto property file**

**FileInputStream file=new FileInputStream("C:\\Users\\VIRAJ\\eclipse-workspace\\11\_June\_Morning\_Selenium\\propfile.properties");**

**//create object of properties class**

**Properties prop=new Properties();**

**//Open property file**

**prop.load(file);**

**//To fetch data from PF //PSW**

**String value1=prop.getProperty(key); //admin123**

**return value1; //admin123**

**}**

**//Automation TE:@Viraj**

**//Day:friday**

**//Date:21-10-2022**

**//Fetch data from Excelsheet**

**@Test //0 //0**

**public static String getdatafromExcel(int RowIndex,int CellIndex) throws EncryptedDocumentException, IOException**

**{**

**//To reach Upto Excelsheet**

**FileInputStream file=new FileInputStream("D:\\11 june\\Parameterization\\11\_June\_A\_Morning.xlsx");**

**Sheet Sh=WorkbookFactory.create(file).getSheet("Sheet12");**

**//0 //1**

**String Value2=Sh.getRow(RowIndex).getCell(CellIndex).getStringCellValue();**

**return Value2; //OrangeHRM**

**}**

**//Automation TE:@Viraj**

**//Day:friday**

**//Date:21-10-2022**

**//capture Screenshot**

**@Test //200**

**public static void CaptureSceeenshot(WebDriver driver, int TestCaseID) throws IOException**

**{**

**File Source=((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);**

**System.out.println(Source);**

**//Create object of file class //200**

**File Destination=new File("D:\\11 june\\Screenshot\\."+TestCaseID+".jpg");**

**//To move Screenshot**

**FileHandler.copy(Source,Destination );**

**}**

**}**

**[10:28 AM, 10/21/2022] Viraj Sir Velocity Automation: UN=Admin**

**PSW=admin123**

**28/10/2022**

**[10:46 AM, 10/28/2022] Viraj Sir Velocity Automation: package Scrolling;**

**import org.openqa.selenium.JavascriptExecutor;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Scroll\_Up\_Down**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**driver.get("http://demo.guru99.com/test/guru99home/");**

**driver.manage().window().maximize();**

**//Wait 2 sec**

**Thread.sleep(2000);**

**//Scroll Down:Enter 2nd parameter's +ve pixel value**

**((JavascriptExecutor)driver).executeScript("window.scrollBy(0,1000)");**

**//Wait 5 sec**

**Thread.sleep(5000);**

**//Scroll up:Enter 2nd parameter's -ve pixel value**

**((JavascriptExecutor)driver).executeScript("window.scrollBy(0,-500)");**

**}**

**}**

**[10:46 AM, 10/28/2022] Viraj Sir Velocity Automation: package Scrolling;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.JavascriptExecutor;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Scroll\_Up\_Down\_Using\_ScrollIntoView**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**driver.get("http://demo.guru99.com/test/guru99home/");**

**driver.manage().window().maximize();**

**//Wait 2 sec**

**Thread.sleep(2000);**

**// Identify element upto we have to scroll**

**WebElement ele=driver.findElement(By.xpath("//a[text()='Facebook']"));**

**//To perform scrollIntoView**

**((JavascriptExecutor)driver).executeScript("arguments[0].scrollIntoView();", ele);**

**}**

**}**

**[10:47 AM, 10/28/2022] Viraj Sir Velocity Automation: package Scrolling;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.JavascriptExecutor;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Scroll\_Right\_Left**

**{**

**public static void main(String[] args) throws InterruptedException**

**{**

**System.setProperty("webdriver.chrome.driver",**

**"D:\\Java\\new Browser\\106\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**// Launch the application**

**driver.get("http://demo.guru99.com/test/guru99home/scrolling.html");**

**driver.manage().window().maximize();**

**//Wait 2 sec**

**Thread.sleep(2000);**

**// Identify element upto we have to scroll**

**WebElement Element = driver.findElement(By.xpath("(//div[@class='canvas-middle'])[6]"));**

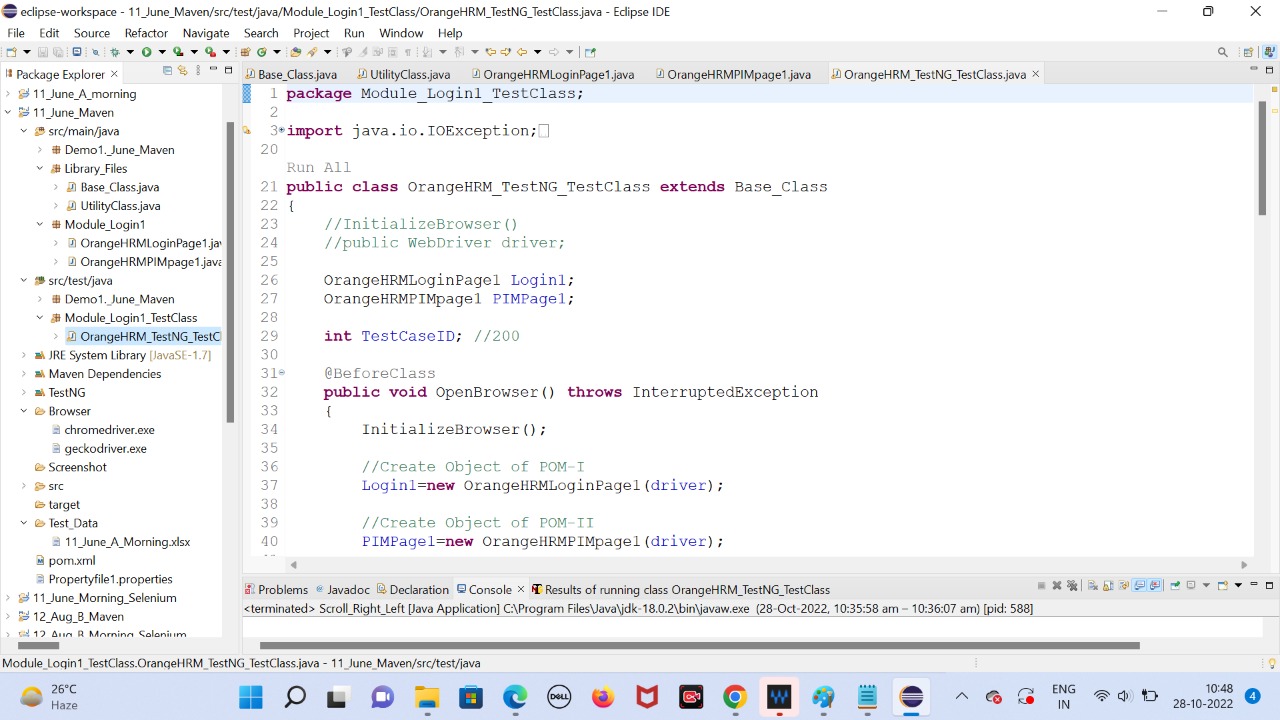
**//To Scroll Horizontally**

**((JavascriptExecutor)driver).executeScript("arguments[0].scrollIntoView();", Element);**

**}**

**}**

**[10:50 AM, 10/28/2022] Viraj Sir Velocity Automation:**

****

**<dependency>**

**<groupId>org.seleniumhq.selenium</groupId>**

**<artifactId>selenium-java</artifactId>**

**<version>4.5.0</version>**

**</dependency>**

**<dependency>**

**<groupId>org.apache.poi</groupId>**

**<artifactId>poi</artifactId>**

**<version>5.2.2</version>**

**</dependency>**

**<dependency>**

**<groupId>org.apache.poi</groupId>**

**<artifactId>poi-ooxml</artifactId>**

**<version>5.2.2</version>**

**</dependency>**

**29/10/2022**

**Theory**

**30/10/2022**

**[7:45 PM, 10/30/2022] Viraj Sir Velocity Automation: package logical\_Program;**

**public class Fibonacci\_series**

**{**

**// 0 1 1 2 3 5 8**

**public static void main(String[] args)**

**{**

**int a=0;**

**int b=1;**

**int c;**

**//i=1 1<=5 2**

**//2<=5 3**

**//3<=5 4**

**//4<=5 5**

**//5<=5 6**

**//6<=6**

**for(int i=1; i<=5; i++)**

**{**

**c=a+b; //3+5=8**

**System.out.println(c);//8**

**a=b;//5**

**b=c; //8**

**}**

**}**

**}**

**[7:46 PM, 10/30/2022] Viraj Sir Velocity Automation: package logical\_Program;**

**public class Prime\_no**

**{**

**public static void main(String[] args)**

**{**

**int org=2; //1 2 3 4 5 6 7**

**int count=0; //1**

**for(int i=2; i<org; i++)**

**{**

**if(org % i==0)**

**{**

**count++;**

**break;**

**}**

**}**

**//0==1**

**if(count==1)**

**{**

**System.out.println("Given no is not a prime no");**

**}**

**else**

**{**

**System.out.println("Given no is a prime no");**

**}**

**}**

**}**

**[7:46 PM, 10/30/2022] Viraj Sir Velocity Automation: package logical\_Program;**

**public class Reverse\_sentence**

**{**

**public static void main(String[] args)**

**{**

**String org="I am Playing"; //Playing am I**

**String S1=reversesentance(org); //Playing am I**

**System.out.println(S1);**

**}**

**//0 1 2**

**public static String reversesentance(String sentence) //I am Playing**

**{**

**String[] text=sentence.split(" ");**

**String rev=""; //Playing am I**

**//i=2 2>=0 1**

**//1>=0 0**

**//0>=0**

**for(int i=text.length-1; i>=0; i--)**

**{**

**//0**

**rev= rev + text[i]+" "; //Playing am + I**

**}**

**return rev; //Playing am I**

**}**

**}**

**[7:46 PM, 10/30/2022] Viraj Sir Velocity Automation: package logical\_Program;**

**import java.util.Scanner;**

**public class Scanner1**

**{**

**//addition by taking input from user**

**public static void main(String[] args)**

**{**

**Scanner Scan=new Scanner(System.in);**

**System.out.println("Enter Num1:");**

**int num1=Scan.nextInt(); //10**

**System.out.println("Enter Num2:");**

**int num2=Scan.nextInt(); //20**

**System.out.println(num1+ num2); //30**

**System.out.println(num1\*num2);//200**

**}**

**}**

**[7:46 PM, 10/30/2022] Viraj Sir Velocity Automation: package logical\_Program;**

**import java.util.Scanner;**

**public class Scanner2**

**{**

**//Take String input from user**

**public static void main(String[] args)**

**{**

**Scanner Scan=new Scanner(System.in);**

**System.out.println("Enter Student Name:");**

**String StudentName=Scan.next();**

**System.out.println("Student Name:"+ StudentName);**

**}**

**}**

**[7:46 PM, 10/30/2022] Viraj Sir Velocity Automation: package logical\_Program;**

**import java.util.Scanner;**

**public class Scanner3\_Even\_Odd**

**{**

**//Even-odd no**

**public static void main(String[] args)**

**{**

**Scanner Scan=new Scanner(System.in);**

**System.out.println("Enter Number:");**

**int Num=Scan.nextInt(); //25**

**//1==0**

**if(Num % 2==0)**

**{**

**System.out.println("Given no is an even no");**

**}**

**else**

**{**

**System.out.println("Given no is not an even no");**

**}**

**}**

**}**

**[7:46 PM, 10/30/2022] Viraj Sir Velocity Automation: package logical\_Program;**

**public class Swipe\_no**

**{**

**public static void main(String[] args)**

**{**

**int a=10; //20**

**int b=20; //10**

**a=a+b; //10+20=30**

**b=a-b; //30-20=10**

**a=a-b; //30-10=20**

**System.out.println(a);**

**System.out.println(b);**

**}**

**}**

**31/10/2022**

**[10:58 AM, 10/31/2022] Viraj Sir Velocity Automation: package logical\_Program;**

**public class Multiply\_no\_without\_multiplication\_operator**

**{**

**//Multiply\_no\_without\_multiplication\_operator**

**public static void main(String[] args)**

**{**

**int Num1=5;**

**int Num2=2;**

**int Sum=0; //10**

**//i=1 1<=5 2**

**// 2<=5 3**

**//3<=5 4**

**//4<=5 5**

**//5<=5 6**

**//6<=5**

**for(int i=1; i<=Num1; i++)**

**{**

**Sum= Sum + Num2; //10**

**}**

**System.out.println(Sum);**

**}**

**}**

**[10:58 AM, 10/31/2022] Viraj Sir Velocity Automation: package logical\_Program;**

**public class Whitespaces**

**{**

**public static void main(String[] args)**

**{**

**String org="ab c d";**

**int Count=0; //2**

**//i=0 0<=5 1**

**//1<=5 2**

**//2<=5 3**

**//3<=5 4**

**//4<=5 5**

**//5<=5 6**

**//6<=5**

**for(int i=0; i<=org.length()-1; i++)**

**{**

**//d //5**

**char charvalue=org.charAt(i);**

**//d ==' '**

**if(charvalue==' ')**

**{**

**Count++;**

**}**

**}**

**System.out.println(Count);**

**}**

**}**